PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4216704

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
COMMSCOPE EMEA LIMITED	08/28/2015

RECEIVING PARTY DATA

Name:	COMMSCOPE TECHNOLOGIES LLC
Street Address:	1100 COMMSCOPE PLACE SE
City:	HICKORY
State/Country:	NORTH CAROLINA
Postal Code:	28602

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15401815

CORRESPONDENCE DATA

Fax Number: (952)465-0771

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 9524650770
Email: docketing@fogglaw.com
Correspondent Name: FOGG & POWERS LLC
Address Line 1: 4600 W 77TH ST
Address Line 2: SUITE 305
Address Line 4: MINNEAPOLIS, MINNESOTA 55435

ATTORNEY DOCKET NUMBER:	100.1280US02
NAME OF SUBMITTER:	DANIELLE N. SUESS
SIGNATURE:	/Danielle N. Suess/
DATE SIGNED:	01/09/2017

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PATENT ASSIGNMENT AGREEMENT

This PATENT ASSIGNMENT AGREEMENT (the "Assignment"), effective as of August 28, 2015 (the "Effective Date"), is entered into by and between:

CommScope EMEA Limited, a company organized and existing under the laws of Ireland with its principal office at Corke Abbey Avenue, Bray, County Wicklow, Ireland ("Assignor"), and

CommScope Technologies LLC, a company organized and existing under the laws of the State of Delaware having its principal office at 1100 CommScope Place SE, Hickory, North Carolina 28602, United States of America ("Assignee").

(Assignor and Assignee are collectively referred to as the "Parties" and individually referred to as "Party"). Capitalized terms used but not defined herein shall have the meaning set forth in the Purchase Agreement (defined below).

RECITALS

WHEREAS, Assignor has acquired intellectual property rights pursuant to a Stock and Asset Purchase Agreement by and between TE Connectivity LTD., CommScope Holding Company, Inc., and CommScope, Inc. dated January 27, 2015 and related agreements, including Patent Assignment Agreements dated as of August 28, 2015 between Assignor and each of Tyco Electronics Raychem GmbH, The Whitaker LLC, AMP Products Pacific Ltd, and Tyco Electronics Services GmbH (collectively, the "Purchase Agreement");

WHEREAS, Assignor and Assignee entered into an Intellectual Property Assignment Agreement dated as of August 28, 2015 ("IP Agreement");

WHEREAS, Assignor owns the Patents set forth on Schedule 1 Part A hereto ("Assigned Patents") and the registered design rights set forth on Schedule 1 Part B hereto ("Assigned Designs") and desires to sell, transfer, convey, and assign to Assignee, and Assignee desires to acquire and accept from Assignor, the Assigned Patents and the Assigned Designs, subject to Assignor's reservation of certain rights to the Intellectual Property as defined in the IP Agreement.

NOW, THEREFORE, for good and valuable consideration provided for in the IP Agreement, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. Assignment. Subject to the terms and conditions of the IP Agreement, Assignor hereby irrevocably assigns, conveys, transfers and delivers to Assignee, and Assignee hereby accepts, all of Assignor's entire, worldwide (for all jurisdictions throughout the world, including all countries and political entities) right, title and interest in and to:

(a) the Assigned Patents, together with all corresponding counterpart patents and patent applications thereof, and including all continuation, divisional, continuation-in-part, continued prosecution applications, and provisional applications, any patents or reissued or re-examined patents resulting from any of the foregoing in any jurisdiction and any extensions thereof, and the priority rights thereto for all jurisdictions; and

(b) the Assigned Designs,

in each case, for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made, together with all income, royalties or payments due, accrued, or payable as of the Effective Date or thereafter, including, without limitation, any and all claims or causes of action for profits and damages by reason of past, present or future infringement or other unauthorized use of any of the Assigned Patents and Assigned Designs, with the right to enforce and sue for, and recover or collect the same for Assignee's own use and enjoyment and for the use and enjoyment of its successors, assigns or other legal representatives.

2. Governing Law. This Assignment shall be governed by and construed in accordance with the Laws of the State of North Carolina, without regard to the conflicts of law principles of such state.

3. Successors and Assigns. This Assignment shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and assigns.

4. Counterparts. This Assignment may be executed in one or more counterparts and delivered via facsimile, pdf, or other electronic means, each of which shall be deemed an original as against the party that signed it and all of which shall together constitute one and the same agreement, and shall become effective when one or more counterparts have been signed by each of the Parties and delivered to the other Party, it being understood that all Parties need not sign the same counterpart.

5. Further Assurances. Assignor agrees that from time to time, at the reasonable request of Assignee and at Assignee's expense, Assignor shall execute and deliver such other documents and take such other actions as Assignee may reasonably request to effectuate Assignor's assignment, transfer, and conveyance of the Assigned Patents and Assigned Designs, of this Assignment and the transactions contemplated by this Assignment (including any documentation to perfect and record the rights granted hereunder in the Assigned Patents and Assigned Designs, in any jurisdiction through the world). Assignor acknowledges and agrees that Assignee may perfect and record this Assignment or such other documentation in any jurisdiction throughout the world, and that Assignor shall cooperate therewith. The Assignee hereby requests and the Assignor hereby grants to the Assignee and its legal representatives all rights necessary to record this Assignment or such other documentation with the United States Patent and Trademark Office and any similar intellectual property office or government agency in any jurisdiction throughout the world. Assignor does hereby make, constitute and appoint

Assignee (and any officer or agent of Assignee as Assignee may select in its exclusive discretion) as Assignor's true and lawful attorney-in-fact, with the power to endorse Assignor's name on all applications, documents, papers and instruments solely as necessary to implement and effect fully the express intentions, purposes and provisions of this Assignment, including, but not limited to, the filing of any instrument of assignment and documents related thereto to effect such assignment in the United States Patent and Trademark Office and other patent offices and intellectual property governmental offices in any jurisdiction throughout the world; provided, however, that Assignee shall only be entitled to exercise its rights under this power of attorney with respect to any of the foregoing actions to the extent that Assignor has failed to take such action at the request of Assignee and following ten (10) days prior written notice to Assignor of the exercise of such rights. This power of attorney shall be irrevocable.

[remainder of page intentionally left blank with signatures to follow on subsequent pages]

IN WITNESS WHEREOF, the Parties have caused this Assignment to be executed by their duly authorized representatives effective as of the Effective Date.

ASSIGNOR:

COMMSCOPE EMEA LIMITED

By: _____

Name: Frank B. Wyatt, II

Title: Director

Date: 10/26/2015

ASSIGNEE:

COMMSCOPE TECHNOLOGIES LLC

By: _____

Name: Mark A. Olson

Title: Executive VP and Chief Financial Officer

Date: 10/26/2015

SCHEDULE 1

PART A

ASSIGNED PATENTS

SEE ATTACHED.

PATENT
REEL: 041308 FRAME: 0027

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
40.0001		US	TELEPHONE TRUNK SIGNALING LINK CIRCUIT	259,222	6/2/72	3,846,589	11/5/74
40.0002		US	TELEPHONE LINE CONTROL SYSTEM	522,417	11/11/74	3,943,305	3/9/76
40.0003		US	PATCH CORD	613,432	9/15/75	3,993,389	11/23/76
40.0004		US	PRINTED CIRCUIT JACK	619,594	10/6/75	4,002,399	1/11/77
40.0005		US	TELEPHONE LINE AMPLIFIER	621,422	10/10/75	4,024,346	5/17/77
40.0006		US	REMOTE ACCESSING SYSTEM FOR TELEPHONE LINES	672,406	3/31/76	4,029,913	6/14/77
40.0007		US	RINGING DETECTOR FOR TELEPHONE CIRCUITS	675,949	4/12/76	4,046,970	9/6/77
40.0008		US	TELEPHONE TESTING EQUIPMENT	703,909	7/9/76	4,082,920	4/4/78
40.0009		US	TELEPHONE LINE ATTENUATOR NETWORK AND ATTENUATOR PAD THEREFOR	739,980	11/8/76	4,220,834	9/2/80
40.0010		US	PRINTED CIRCUIT CARD EDGE CONNECTOR WITH NORMALLING CONTACTS	800,731	5/26/77	4,087,151	5/2/78
40.0011		US	FLASH-WINK GENERATING CIRCUIT	800,730	5/26/77	4,139,740	2/13/79
40.0012		US	ACCESS MODULE	856,503	12/1/77	4,203,066	5/13/80
40.0013		US	PRINTED CIRCUIT BOARD JACK	912,196	6/5/78	4,165,147	8/21/79
40.0014		US	LATCH ASSEMBLY	914,529	6/12/78	4,245,879	1/20/81
40.0015		US	OPTICAL WAVELENGTH DIVISION MULTIPLEXER MIXER-SPLITTER	52,895	6/27/79	4,243,297	1/6/81
40.0016		US	AMPLITUDE EQUALIZER	165,072	7/1/80	4,354,160	10/12/82
40.0017		US	METHOD AND APPARATUS FOR DISABLING AND ECHO CANCELLER ON A DIGITAL TELECOMMUNICATIONS NETWORK	210,728	6/23/88	4,881,221	11/14/89
40.0018		US	METHOD AND APPARATUS FOR TRANSMITTING DATA	363,953	6/7/89	4,945,533	7/31/90
40.0020		US	PRINTED CIRCUIT JACK	549,731	2/13/75		
40.0020		US	PRINTED CIRCUIT JACK	691,891	6/1/76	4,037,913	7/26/77
40.0021		US	OPTICAL SENSOR APPARATUS AND METHOD FOR REMOTELY MONITORING A UTILITY METER OR THE LIKE	687,089	12/28/84	4,680,704	7/14/89
40.0022		US	APPARATUS AND METHOD FOR REMOTELY MONITORING A UTILITY METER BY USE OF A LIQUID CRYSTAL DISPLAY	649,912	9/12/84	4,628,313	12/9/86
40.0023		US	TELEPHONE ISOLATION JACK PANEL	520,694	11/5/74	3,927,275	12/16/75
40.0024		US	CODED TELEPHONE LINE TESTING EQUIPMENT	432,806	1/14/74	3,922,508	11/25/75
40.0025		US	ELECTICAL CONNECTOR	409,471	10/25/73	3,873,785	3/25/75
40.0026		US	TELEPHONE MONITOR CIRCUIT	424,367	12/13/73	3,872,266	3/18/75
40.0027		US	TELEPHONE LOOPTEST SYSTEM	323,140	1/12/73	3,843,848	10/22/74
40.0028		US	CARRYING CASE FOR TOOLS AND ACCESSORIES	655,832	2/6/76	D246,140	10/18/77
40.0029		US	TELEPHONE JACK HOUSING AND COVER	690,371	5/27/76	D246,852	1/3/78
40.0896		US	ELECTRIC JACK	366,363	6/4/73	3,822,415	7/2/74
40.1560		US	CIRCUIT MONITORING JACK	175,353	8/4/80	4,367,907	1/11/83
40.1565		US	TERMINAL CONSTRUCTION	184,766	9/8/80	4,368,944	1/18/83
40.1620		US	PATCH MODULE	277,677	6/26/81	4,363,941	12/14/82

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
40.1668		US	WIRE INSERTION TOOL	332,179	12/18/81	4,416,059	11/22/83
40.1755		US	TERMINAL BLOCK	415,025	9/3/85	4,538,868	9/3/85
40.1765		US	RECEPTACLE ASSEMBLY	420,133	9/20/82	4,486,059	12/4/84
40.1805		US	ELECTRICAL CONNECTOR	492,215	5/6/83	4,702,544	10/27/87
40.1992		US	CABLE ACCESS ASSEMBLY	492,944	5/9/83	4,519,014	5/21/85
40.2022		US	PRINTED CIRCUIT BOARD CAGE	537,336	9/29/83	4,519,016	5/21/85
40.2213		US	ELECTRICAL CONNECTOR	651,871	9/18/84	4,591,223	5/27/86
40.2294		US	CONNECTOR PANEL	740,805	6/3/85	4,669,799	6/2/87
100.0001		US	AUTOMATIC LEVEL CONTROL FOR INPUT TO ANALOG TO DIGITAL CONVERTER	09/599,701	6/22/00	6,657,570	12/2/03
100.0014		US	ADAPTIVE TRAINING SEQUENCE FOR SYSTEMS USING TIME DIVISION MULTIPLE ACCESS	09/634,760	8/8/00		
100.0015		US	PARALLEL EQUALIZATION FOR SYSTEMS USING TIME DIVISION MULTIPLE ACCESS	09/598,870	6/21/00	7,319,719	1/15/08
100.0016		US	SURFACE MOUNTED CONDUCTION HEAT SINK	09/597,535	6/20/00	6,249,434	6/19/01
100.0016		US	SURFACE MOUNTED CONDUCTION HEAT SINK	09/841,087	4/25/01	6,356,447	3/12/02
100.0016		US	SURFACE MOUNTED CONDUCTION HEAT SINK	09/991,456	11/20/01	6,519,156	2/11/03
100.0018		US	SHARED MEDIA COMMUNICATIONS IN A VIRTUAL CONNECTION NETWORK	09/026,580	2/20/98	6,216,166	4/10/01
100.0019		US	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	13/662,948	10/29/12	8,577,286	11/5/13
100.0019		US	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	14/054,223	10/15/13		
100.0019		US	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	09/619,431	7/19/00	6,704,545	3/9/04
100.0019		US	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	10/740,944	12/19/03	7,639,982	12/29/09
100.0019		US	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	12/617,215	11/12/09	8,326,218	12/4/12
100.0042		US	CIRCUIT AND METHOD FOR CONTROLLING VIRTUAL CONNECTIONS IN A RING NETWORK	09/026,729	2/20/98	6,757,247	6/29/04
100.0043		US	CIRCUIT AND METHOD FOR SERVICE CLOCK RECOVERY	09/013,644	1/26/98	6,157,646	12/5/00
100.0043		US	CIRCUIT AND METHOD FOR SERVICE CLOCK RECOVERY	09/727,245	11/30/00	6,363,073	3/26/02
100.0045		US	CIRCUITS AND METHODS FOR A PHASE LOCK LOOP FOR SYNCHRONOUS REFERENCE CLOCKS	08/966,606	11/10/97	5,986,486	11/16/99
100.0046		US	CIRCUITS AND METHODS FOR A RING NETWORK	08/915,919	8/21/97	6,154,462	11/28/00
100.0046		US	CIRCUITS AND METHODS FOR A RING NETWORK	09/723,013	11/27/00	7,194,005	3/20/07
100.0048		US	RINGING GENERATOR FOR TELEPHONES	07/719,161	6/21/91	5,442,698	8/15/95
100.0049		US	ADDED BIT SIGNALLING IN A TELECOMMUNICATIONS SYSTEM	08/075,638	6/11/93	5,528,579	6/18/96

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0050		US	PHASE LOKED LOOP USING A COUNTER AND A MICROCONTROLLER TO PRODUCE VCXO CONTROL SIGNALS	898,791	6/15/92		
100.0050		US	PHASE LOCKED LOOP USING A COUNTER AND A MICROCONTROLLER TO PRODUCE VCXO CONTROL SIGNALS	08/192,071	2/4/94	5,726,607	3/10/98
100.0051		US	POINT-TO-MULTIPOINT PERFORMANCE MONITORING AND FAILURE ISOLATION SYSTEM	08/074,913	6/10/93	5,519,830	5/21/96
100.0051		US	POINT-TO-MULTIPOINT PERFORMANCE MONITORING AND FAILURE ISOLATION SYSTEM	08/588,363	1/17/96	5,655,068	8/5/97
100.0052		US	CIRCUIT BOARD CARTRIDGE	07/898,881	6/15/92	D357,228	4/11/95
100.0052		US	CIRCUIT BOARD CARTRIDGE	29/031,053	11/16/94	D376,134	12/3/96
100.0053		US	MICROCELLULAR COMMUNICATIONS SYSTEM WITH CENTRALIZED BASE STATIONS AND DISTRIBUTED ANTENNA UNITS	08/068,389	5/28/93		
100.0054		US	OPTIMIZATION OF WEIGHTED SIGNAL-TO-NOISE RATIO FOR A DIGITAL VIDEO ENCODER	08/102,725	8/6/93	5,525,984	6/11/96
100.0055		US	CELLULAR COMMUNICATIONS SYSTEM WITH CENTRALIZED BASE STATIONS AND DISTRIBUTED ANTENNA UNITS	08/183,221	1/14/94		
100.0056		US	PROTECTION SWITCHING APPARATUS AND METHOD	08/133,741	10/7/93	5,408,462	4/18/95
100.0057		US	CONTROL AND COMMUNICATIONS APPARATUS	08/133,462	10/8/93	5,453,737	9/26/95
100.0058		US	HYBRID FIBER/COAX VIDEO AND TELEPHONY COMMUNICATION SYSTEM	08/311,964	9/26/94		
100.0058		US	HYBRID FIBER/COAX VIDEO AND TELEPHONY COMMUNICATION SYSTEM WITH REMOTE UNIT FILTERING	08/455,059	5/31/95		
100.0058		US	HYBRID FIBER/COAX VIDEO AND TELEPHONY COMMUNICATION SYSTEM WITH UPSTREAM FREQUENCY REUSE	08/455,340	5/31/95		
100.0059		US	CELLULAR RERADIATION TRAFFIC MONITOR SYSTEM	08/289,309	8/11/94		
100.0060		US	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	08/384,659	2/6/95		
100.0060		US	METHOD OF COMMUNICATION CHANNEL MONITORING USING EQUALIZATION	08/456,871	6/1/95		
100.0060		US	COMMUNICATION SYSTEM WITH DISTRIBUTED MULTICARRIER TELEPHONY TRANSPORT AND DISTRIBUTED LOOP METHOD	08/457,022	6/1/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0060		US	COMMUNICATION SYSTEM WITH SCANNING METHOD	08/457,037	6/1/95		
100.0060		US	COMMUNICATION SYSTEM WITH APPARATUS AND METHOD FOR INGRESS PROTECTION	08/457,110	6/1/95		
100.0060		US	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	08/457,294	6/1/95		
100.0061		US	MULTI-POINT TO POINT COMMUNICATION SYSTEM WITH REMOTE UNIT BURST IDENTIFICATION	08/457,317	6/1/95		
100.0062		US	METHOD OF COMMUNICATION CHANNEL MONITORING	08/457,295	6/1/95		
100.0065		US	METHODS AND SYSTEMS FOR COMMUNICATING IN A CELLULAR NETWORK	09/649,159	8/28/00	6,836,660	12/28/04
100.0065		US	SCANNING RSSI RECEIVER SYSTEM USING INVERSE FAST FOURIER TRANSFORMS FOR A CELLULAR COMMUNICATIONS SYSTEM WITH CENTRALIZED BASE STATIONS AND DISTRIBUTED ANTENNA UNITS	08/805,802	2/25/97	6,112,086	8/29/00
100.0066		US	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	08/650,408	5/20/96		
100.0068		US	HOME INTEGRATED SERVICE UNIT FOR COMMUNICATION SYSTEM	08/650,409	5/20/96		
100.0071		US	SYSTEM AND METHOD FOR TRANSMITTING DATA	08/786,549	1/21/97	5,978,650	11/2/99
100.0071		US	SYSTEM AND METHOD FOR TRANSMITTING DATA	09/409,753	10/1/99	6,360,075	3/19/02
100.0071		US	SYSTEM AND METHOD FOR TRANSMITTING DATA	09/692,117	10/19/00	6,353,728	3/5/02
100.0073		US	APPARATUS AND METHODS FOR SIGNAL RECOVERY IN A DIGITAL COMMUNICATION SYSTEM	08/549,565	10/27/95	5,841,817	11/24/98
100.0075		US	METHOD AND APPARATUS FOR IMPROVING RECEIVER PERFORMANCE IN A LAND MOBILE COMMUNICATIONS SYSTEM	08/556,350	11/13/95		
100.0076		US	METHOD AND APPARATUS FOR FREQUENCY AGILITY IN A COMMUNICATION SYSTEM	08/408,644	3/22/95		
100.0077		US	CELLULAR DIGITAL PACKET DATA MOBILE DATA BASE STATION	08/461,618	6/5/95		
100.0078		US	CELLULAR DIGITAL PACKET DATA MOBILE DATA BASE STATION	08/587,685	1/17/96	6,122,527	9/19/00
100.0079		US	DIGITAL METHODS AND APPARATUS REVERSE LINK SIGNAL DETECTION AND RECOVERY IN A MOBILE DATA BASE STATION	08/152,198	11/12/93	5,511,098	4/23/96

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0080		US	OPEN LOOP PHASE ESTIMATION METHODS AND APPARATUS FOR COHERENT COMBINING OF SIGNALS USING SPATIALLY DIVERSE ANTENNAS IN MOBILE CHANNELS	08/132,091	10/5/93	5,504,786	4/2/96
100.0081		US	OPEN LOOP PHASE ESTIMATION METHODS AND APPARATUS FOR COHERENT DEMODULATION OF PHASE MODULATED CARRIERS IN MOBILE CHANNELS	08/132,094	10/5/93	5,473,637	12/5/95
100.0082		US	METHOD AND APPARATUS FOR DUAL DEMODULATION OF MOBILE CHANNEL SIGNALS	150,616	11/9/93		
100.0082		US	METHOD AND APPARATUS FOR DUAL DEMODULATION OF MOBILE CHANNEL SIGNALS	08/494,712	6/26/95	5,517,530	5/14/96
100.0083		US	SYSTEM AND METHOD FOR DISTRIBUTING RF SIGNALS OVER POWER LINES WITHIN A SUBSTANTIALLY CLOSED ENVIRONMENT	08/884,533	6/27/97	6,151,480	11/21/00
100.0083		US	SYSTEM AND METHOD FOR DISTRIBUTING RF SIGNALS OVER POWER LINES WITHIN A SUBSTANTIALLY CLOSED ENVIRONMENT	09/687,783	10/13/00		
100.0084		US	CELLULAR DIGITAL PACKET DATA MOBILE DATA BASE STATION	08/152,005	11/12/93	5,544,222	8/6/96
100.0085		US	CELLULAR DIGITAL PACKET DATA MOBILE DATA BASE STATION	152,005	11/12/93		
100.0085		US	CELLULAR DIGITAL PACKET DATA MOBILE DATA BASE STATION	08/461,618	6/5/95	5,533,029	7/2/96
100.0087		US	METHOD AND APPARATUS FOR PROTECTION SWITCHING	08/964,676	11/5/97	6,433,988	8/13/02
100.0088		US	A METHOD AND SYSTEM FOR DIMINISHING PHASE SHIFT BETWEEN TWO SIGNALS	08/946,760	10/8/97	6,008,734	12/28/99
100.0089		US	CIRCUIT AND METHOD FOR SHAPING TRAFFIC IN A VIRTUAL CONNECTION NETWORK	09/026,837	2/20/98	6,407,983	6/18/02
100.0089		US	CIRCUIT AND METHOD FOR SHAPING TRAFFIC IN A VIRTUAL CONNECTION NETWORK	10/133,263	4/26/02	6,980,565	12/27/05
100.0090		US	SYSTEM AND METHOD FOR MODIFYING AN INFORMATION SIGNAL IN A TELECOMMUNICATIONS SYSTEM	08/975,735	11/21/97	6,049,824	4/11/00
100.0092		US	SYSTEM AND METHOD FOR A RING NETWORK WITH VIRTUAL PATH CONNECTIONS	09/027,156	2/20/98	6,233,221	5/15/01
100.0093		US	SYSTEM AND METHOD FOR PROTECTION SWITCHING OF VIRTUAL CONNECTIONS AT THE DATA LINK LAYER	09/026,930	2/20/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0094		US	PHASE-LOCKED LOOP HAVING FILTER WITH WIDE AND NARROW BANDWIDTH MODES	09/090,632	6/4/98	6,064,273	5/16/00
100.0095		US	TELECOMMUNICATION NETWORK WITH VARIABLE ADDRESS LEARNING, SWITCHING AND ROUTING	09/137,669	8/21/98	6,331,985	12/18/01
100.0095		US	TELECOMMUNICATION NETWORK WITH VARIABLE ADDRESS LEARNING, SWITCHING AND ROUTING	09/893,047	6/27/01	7,065,095	6/20/06
100.0097		US	Apparatus and Method for Combining Digital and Analog Television Signals	09/053,337	4/1/98	6,278,498	8/21/01
100.0098		US	CIRCUITS AND METHODS FOR A MONITORING CIRCUIT IN A NETWORK AMPLIFIER	09/121,244	7/23/98	6,160,452	12/12/00
100.0098		US	CIRCUITS AND METHODS FOR MONITORING A SIGNAL IN A NETWORK	09/758,048	10/31/00	6,326,848	12/4/01
100.0099		US	REDUCING WAITING TIME JITTER	09/184,627	11/2/98	6,229,863	5/8/01
100.0099		US	REDUCING WAITING TIME JITTER	09/792,299	2/23/01	6,415,006	7/2/02
100.0101		US	TRANSPORT OF DIGITIZED SIGNALS OVER A RING NETWORK	09/138,232	8/21/98	6,539,546	3/25/03
100.0102		US	CONTROL DATA OVER A RING NETWORK	09/137,722	8/21/98	6,570,880	5/27/03
100.0103		US	INTERNET ACCESS OVER A RING NETWORK	09/137,721	8/21/98	6,389,030	5/14/02
100.0104		US	USING ALTERNATE POLARIZATION IN FIXED WIRELESS SYSTEM DEPLOYMENT FOR IMPROVED CAPACITY	09/183,715	10/30/98	6,865,392	3/8/05
100.0105		US	VARIABLE EQUALIZER WITH INDEPENDENTLY CONTROLLED BRANCHES BASED ON DIFFERENT FREQUENCY BREAKPOINTS	09/229,234	1/12/99	6,549,087	4/15/03
100.0106		US	PROTECTION SWITCHING OF VIRTUAL CONNECTIONS	09/410,402	10/1/99	6,859,430	2/22/05
100.0108		US	REDUCED POWER CONSUMPTION IN A COMMUNICATION DEVICE	09/291,798	4/14/99	7,075,903	7/11/06
100.0108		US	REDUCED POWER CONSUMPTION IN A COMMUNICATION DEVICE	11/456,304	7/10/06		
100.0112		US	SERVICE DELIVERY UNIT FOR AN ENTERPRISE NETWORK	09/342,682	6/29/99		
100.0112		US	SERVICE DELIVERY UNIT FOR AN ENTERPRISE NETWORK	09/513,937	2/28/00	6,959,006	10/25/05
100.0113		US	INTERFACE FOR AN ENTERPRISE RESOURCE PLANNING PROGRAM	09/291,535	4/14/99	7,197,741	3/27/07
100.0114		US	CURRENT BALANCING FOR VOLTAGE REGULATOR HAVING INPUTS FROM MULITIPLE POWER SUPPLIES	09/394,149	9/13/99	6,177,783	1/23/01
100.0115		US	DIGITAL RETURN PATH FOR HYBRID FIBER/COAX NETWORK	09/433,332	11/3/99	6,967,966	11/22/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0116		US	SYSTEMS AND METHODS FOR HOLDOVER CIRCUITS IN PHASE LOCKED LOOPS	09/432,022	10/29/99	7,010,076	3/7/06
100.0118		US	ADAPTIVE CLOCK RECOVERY FOR CIRCUIT EMULATION SERVICE	09/443,662	11/19/99	6,721,328	4/13/04
100.0120		US	DIGITAL NODE FOR HYBRID FIBER/COAX NETWORK	09/432,558	11/3/99	7,031,335	4/18/06
100.0121		US	REVERSE PATH UPSTREAM SIGNALING FOR STATUS MONITORING	09/607,442	6/30/00	6,779,197	8/17/04
100.0121		US	REVERSE PATH UPSTREAM SIGNALING FOR STATUS MONITORING	60/142,290	7/2/99		
100.0122		US	VARIABLE ATTENUATOR	09/609,076	6/30/00	6,339,356	1/15/02
100.0122		US	VARIABLE ATTENUATOR	60/142,267	7/2/99		
100.0123		US	HIGH DYNAMIC RANGE RF DETECTOR WITH TEMPERATURE COMPENSATION	09/607,832	6/30/00		
100.0123		US	HIGH DYNAMIC RANGE RF DETECTOR WITH TEMPERATURE COMPENSATION	60/142,288	7/2/99		
100.0124		US	NETWORK AMPLIFIER WITH MICROPROCESSOR CONTROL	09/608,360	6/30/00	6,836,184	12/28/04
100.0124		US	NETWORK AMPLIFIER WITH MICROPROCESSOR CONTROL	60/142,266	7/2/99		
100.0125		US	SHARED MANAGEMENT OF A NETWORK ENTITY	09/376,809	8/18/99	6,847,609	1/25/05
100.0126		US	PRE-DISTORTER WITH NON-MAGNETIC COMPONENTS FOR A NON-LINEAR DEVICE	09/479,298	1/6/00		
100.0127		US	DYNAMIC DISTORTION CONTROL	09/478,644	1/6/00	6,687,466	2/3/04
100.0127		US	DYNAMIC DISTORTION CONTROL	10/727,005	12/3/03	7,155,132	12/26/06
100.0128		US	BROADBAND COMMUNICATIONS NETWORK	09/409,118	9/30/99	6,477,369	11/5/02
100.0129		US	ARCHITECTURE FOR INTERMEDIATE FREQUENCY VIDEO ENCODER	09/518,072	3/2/00	6,741,650	5/25/04
100.0131		US	AUTOMATIC GAIN CONTROL FOR INPUT TO ANALOG TO DIGITAL CONVERTER	09/517,685	3/2/00	6,292,120	9/18/01
100.0133		US	CIRCUIT AND METHOD FOR SERVICE CLOCK RECOVERY	09/921,945	8/3/01	7,106,758	9/12/06
100.0133		US	CIRCUIT AND METHOD FOR SERVICE CLOCK RECOVERY	11/530,618	9/11/06		
100.0134		US	PROTECTION SWITCHING OF VIRTUAL CONNECTIONS AT THE DATA LINK LAYER	09/696,462	10/25/00	6,940,810	9/6/05
100.0136		US	PHASE COMPARATOR FOR A PHASE LOCKED LOOP	09/659,235	9/11/00	6,950,957	9/27/05
100.0137		US	DIRECT DIGITAL SYNTHESIZER PHASE LOCKED LOOP	10/087,521	3/1/02	6,664,827	12/16/03
100.0137		US	DIGITAL PHASE LOCK LOOP	60/273,017	3/2/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0140		US	SUPRESSION OF STIMULATED BRILLOUIN SCATTERING IN OPTICAL TRANSMISSIONS	09/627,831	7/28/00	6,813,448	11/2/04
100.0142		US	CLOCK RECOVERY MECHANISM	09/727,246	11/30/00	6,973,148	12/6/05
100.0143		US	REDUCING LOSS IN TRANSMISSION QUALITY UNDER CHANGING NETWORK CONDITIONS	09/598,642	6/21/00	6,973,501	12/6/05
100.0143		US	REDUCING LOSS IN TRANSMISSION QUALITY UNDER CHANGING NETWORK CONDITIONS	11/272,651	11/14/05		
100.0144		US	DYNAMIC RANGE EXTENSION WITH GAIN CORRECTION	09/602,747	6/23/00	6,411,235	6/25/02
100.0147		US	MECHANICAL HOUSING	11/932,103	10/31/07	7,633,757	12/15/09
100.0147		US	MECHANICAL HOUSING	09/804,129	3/12/01	6,628,521	9/30/03
100.0147		US	MECHANICAL HOUSING	10/673,739	9/29/03	7,075,789	7/11/06
100.0147		US	MECHANICAL HOUSING	11/456,270	7/10/06		
100.0147		US	MECHANICAL HOUSING	60/246,174	11/6/00		
100.0148		US	CARD GUIDE SYSTEM	09/723,917	11/28/00	6,639,808	10/28/03
100.0149		US	MODULE FOR SELECTION OF POWER SOURCE	09/654,796	9/5/00	6,459,051	10/1/02
100.0150		US	RECEIVING OPTICAL SIGNALS WITH MULTIPLE WAVELENGTH COMPONENTS	10/345,874	1/16/03		
100.0150		US	RECEIVING OPTICAL SIGNALS WITH MULTIPLE WAVELENGTH COMPONENTS	60/349,845	1/16/02		
100.0152		US	DIGITAL PLL WITH CONDITIONAL HOLDOVER	10/087,610	3/1/02	7,881,413	2/1/11
100.0152		US	DIGITAL PLL WITH CONDITIONAL HOLDOVER	60/272,933	3/2/01		
100.0154		US	ENHANCED HEAT TRANSFER FOR HOUSINGS	11/023,152	12/27/04	7,150,089	12/19/06
100.0154		US	ENHANCED HEAT TRANSFER FOR HOUSINGS	09/740,771	12/19/00		
100.0154		US	ENHANCED HEAT TRANSFER FOR HOUSINGS	11/560,880	11/17/06		
100.0156		US	CABLE HEAD ASSEMBLY	09/804,106	3/12/01	6,563,050	5/13/03
100.0156		US	CABLE HEAD ASSEMBLY	60/246,141	11/6/00		
100.0157		US	HIGH FREQUENCY AMPLIFICATION CIRCUIT	09/685,475	10/10/00	6,885,855	4/26/05
100.0158		US	REPEATER HOUSING	29/132,247	11/6/00	D462,675	9/10/02
100.0169		US	FILTER STRUCTURE INCLUDING CIRCUIT BOARD	09/826,246	4/4/01	6,919,782	7/19/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0169		US	FILTER STRUCTURE INCLUDING CIRCUIT BOARD	11/148,135	6/8/05		
100.0176		US	QUASI-STATIC NON-TUNING RESONATOR	08/884,111	6/27/97		
100.0181		US	CIRCUIT ARRANGEMENT FOR REDUCING PASSBAND RIPPLE OF A BANDPASS FILTER	09/012,264	1/23/98	6,023,205	2/8/00
100.0185		US	AMPLIFIER HAVING REDUNDANCIES	09/247,416	2/10/99	6,160,447	12/12/00
100.0186		US	APPARATUS AND METHOD FOR DETERMINING RETURN LOSS OF AN ELECTRICAL DEVICE	09/247,379	2/10/99	6,266,021	7/24/01
100.0186		US	APPARATUS AND METHOD FOR DETERMINING RETURN LOSS OF AN ELECTRICAL DEVICE	09/832,484	4/11/01	6,424,305	7/23/02
100.0188		US	INCREASED TRANSMISSION CAPACITY FOR A FIBER-OPTIC LINK	09/824,433	4/2/01	6,643,471	11/4/03
100.0188		US	INCREASED TRANSMISSION CAPACITY FOR A FIBER-OPTIC LINK	10/696,025	10/29/03	6,963,697	11/8/05
100.0190		US	FUSE TOOL (Version 1)	09/851,799	5/9/01	6,655,235	12/2/03
100.0191		US	COMPRESSIVE COLLAR	09/826,577	4/5/01	6,343,958	2/5/02
100.0191		US	COMPRESSIVE COLLAR	09/916,069	7/26/01	6,651,326	11/25/03
100.0193		US	DISTRIBUTION OF WIRELESS TELEPHONY AND DATA SIGNALS IN A SUBSTANTIALLY CLOSED ENVIRONMENT	10/095,220	3/11/02	7,039,399	5/2/06
100.0204		US	CLAMPING CASE	09/918,989	7/31/01	6,894,907	5/17/05
100.0204		US	CLAMPING CASE	11/099,052	4/5/05	7,269,895	9/18/07
100.0214		US	FUSE TOOL (Version 2)	09/930,924	8/16/01	6,553,871	4/29/03
100.0216		US	CLAMPING RECEPTACLE	09/919,006	7/31/01	6,897,377	5/24/05
100.0216		US	CLAMPING RECEPTACLE	11/099,344	4/5/05	6,992,249	1/31/06
100.0255		US	DISTRIBUTED AUTOMATIC GAIN CONTROL SYSTEM	10/084,115	2/25/02	7,184,728	2/27/07
100.0255		US	DISTRIBUTED AUTOMATIC GAIN CONTROL SYSTEM	11/677,799	2/22/07	7,505,747	3/17/09
100.0255		US	DISTRIBUTED AUTOMATIC GAIN CONTROL SYSTEM	12/404,544	3/16/09	7,962,111	6/14/11
100.0256		US	METHOD AND APPARATUS FOR INTELLIGENT NOISE REDUCTION IN A DISTRIBUTED COMMUNICATION SYSTEM	10/118,071	4/8/02	7,035,671	4/25/06
100.0256		US	METHOD AND APPARATUS FOR INTELLIGENT NOISE REDUCTION IN A DISTRIBUTED COMMUNICATION SYSTEM	11/379,702	4/21/06	7,512,419	3/31/09

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0266		US	TUNING A CAVITY FILTER BASED ON STORED POSITIONAL DATA FOR TUNING MEMBERS	10/061,842	10/26/01	6,822,540	11/23/04
100.0373		US	OPTICAL SYSTEM EMPLOYING NEAR-INCOHERENT PROCESSING FOR DISTORTION CORRECTION	08/381,228	1/31/95	5,515,199	5/7/96
100.0374		US	DIGITAL MODULATOR AND UP CONVERTER HAVING SINGLE-BIT DELTA-SIGMA DATA CONVERTERS	08/542,808	10/13/95	5,627,499	5/6/97
100.0375		US	METHOD AND APPARATUS FOR IMPROVING RECEIVER PERFORMANCE IN A LAND MOBILE COMMUNICATIONS SYSTEM	08/556,350	11/13/95	5,819,182	10/6/98
100.0376		US	METHOD AND APPARATUS FOR FREQUENCY AGILITY IN A COMMUNICATION SYSTEM	408,644	3/22/95	5,832,384	11/3/98
100.0382		US	EDGE-EMITTING LIGHT EMITTING DIODE	42,607	4/21/87		
100.0382		US	EDGE-EMITTING LIGHT EMITTING DIODE	582,844	2/23/84		
100.0383		US	INJECTION MOLDED STAR-COUPLERS AND METHODS OF MAKING SAME	07/297,009	1/12/89		
100.0407		US	SYSTEM AND METHOD FOR ELECTRONICALLY IDENTIFYING CONNECTIONS OF A CROSS-CONNECT SYSTEM	14/321,948	7/2/14		
100.0407		US	SYSTEM AND METHOD FOR ELECTRONICALLY IDENTIFYING CONNECTIONS OF A CROSS-CONNECT SYSTEM	08/972,159	11/17/97	6,421,322	7/16/02
100.0407		US	SYSTEM AND METHOD FOR ELECTRONICALLY IDENTIFYING CONNECTIONS OF A CROSS-CONNECT SYSTEM	10/017,653	12/12/01	7,519,003	4/14/09
100.0407		US	SYSTEM AND METHOD FOR ELECTRONICALLY IDENTIFYING CONNECTIONS OF A CROSS-CONNECT SYSTEM	12/398,509	3/5/09	7,907,537	3/15/11
100.0407		US	SYSTEM AND METHOD FOR ELECTRONICALLY IDENTIFYING CONNECTIONS OF A CROSS-CONNECT SYSTEM	13/020,843	2/4/11	8,804,540	8/12/14
100.0408		US	TEST ACCESS SYSTEM AND METHOD FOR DIGITAL COMMUNICATION NETWORKS	09/219,269	12/23/98	6,493,319	12/10/02
100.0408		US	TEST ACCESS SYSTEM FOR T-3 DIGITAL COMMUNICATION LINKS	60/068,841	12/24/97		
100.0409		US	TEST ACCESS SYSTEM AND METHOD FOR DIGITAL CROSS CONNECT COMMUNICATION NETWORKS	09/327,060	6/7/99	6,657,966	12/2/03
100.0410		US	MULTIPLE PORT COMMUNICATIONS INTERFACE APPARATUS AND METHOD	09/222,089	12/29/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0410		US	MULTIPLE PORT COMMUNICATIONS INTERFACE APPARATUS AND METHOD	60/068,939	12/29/97		
100.0411		US	TEST ACCESS AND PERFORMANCE MONITORING SYSTEM AND METHOD FOR CROSS-CONNECT COMMUNICATION NETWORK	09/219,810	12/23/98	6,453,014	9/17/02
100.0411		US	TEST ACCESS AND PERFORMANCE MONITORING SYSTEM AND METHOD FOR CROSS-CONNECT COMMUNICATION NETWORK	60/081,485	4/13/98		
100.0412		US	METHOD AND APPARATUS FOR CONFIGURING AND MAINTAINING TOKEN RING NETWORKS	868,761	4/14/92	5,351,242	9/27/94
100.0413		US	METHOD AND APPARATUS FOR CONFIGURING AND MAINTAINING TOKEN RING NETWORKS	929,251	8/13/92	5,539,727	7/23/96
100.0414		US	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	09/461,529	12/14/99		
100.0415		US	APPARATUS AND METHOD FOR FILTERING VOICEBAND AND METERING TONE FREQUANCIES OF A MIXED VOICE/DATA SIGNAL	09/521,589	3/9/00	6,728,367	4/27/04
100.0416		US	VOICE/DATA SIGNAL SPLITTER EMPLOYING CONTROLLABLE BYPASS APPARATUS AND METHOD	09/620,503	7/20/00		
100.0436		US	MICROCELLULAR COMMUNICATIONS SYSTEM WITH DIVERSITY USING CENTRALIZED BASE STATIONS AND DISTRIBUTED ANTENNA	07/946,548	9/17/92		
100.0450		US	MEASURING AN ERROR RATE IN A COMMUNICATION LINK	10/410,066	4/9/02	6,920,591	7/19/05
100.0450		US	MEASURING AN ERROR RATE IN A COMMUNICATION LINK	60/430,434	12/3/02		
100.0451		US	COMMUNICATION SYSTEM AND METHOD WITH GAIN CONTROL FOR SIGNALS FROM DISTRIBUTED ANTENNAS	10/308,854	12/3/02	7,171,244	1/30/07
100.0451		US	COMMUNICATION SYSTEM AND METHOD WITH GAIN CONTROL FOR SIGNALS FROM DISTRIBUTED ANTENNAS	11/624,541	1/18/07	7,546,138	6/9/09
100.0451		US	COMMUNICATION SYSTEM AND METHOD WITH GAIN CONTROL FOR SIGNALS FROM DISTRIBUTED ANTENNAS	12/467,924	5/18/09	7,917,177	3/29/11
100.0452		US	DISTRIBUTED DIGITAL ANTENNA SYSTEM	10/395,743	3/24/03		
100.0452		US	DISTRIBUTED DIGITAL ANTENNA SYSTEM	60/430,434	12/3/02		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0453		US	SMALL SIGNAL THRESHOLD AND PROPORTIONAL GAIN DISTRIBUTED DIGITAL COMMUNICATIONS	10/414,907	4/16/03	7,103,377	9/5/06
100.0453		US	SMALL SIGNAL THRESHOLD AND PROPORTIONAL GAIN DISTRIBUTED DIGITAL COMMUNICATIONS	11/469,623	9/1/06	7,539,509	5/26/09
100.0453		US	SMALL SIGNAL THRESHOLD AND PROPORTIONAL GAIN DISTRIBUTED DIGITAL COMMUNICATIONS	60/430,435	12/3/02		
100.0480		US	GLOBAL AUTOMATIC DOCUMENT DELIVERY APPLICATION	10/229,498	8/28/02		
100.0490		US	DIGITAL CROSS-CONNECT SYSTEM EMPLOYING PATCH ACCESS LOCKING AND REDUNDANT SUPPLY POWER	09/873,655	6/4/01	6,490,277	12/3/02
100.0514		US	CONNECTION ARRANGEMENT	08/500,251	7/10/95	5,890,913	4/6/99
100.0515		US	CONNECTION ARRANGEMENT	08/537,252	9/29/95	5,692,927	12/2/97
100.0559		US	COMPENSATING FOR DIFFERENCES IN SIGNAL PATHS IN AN ELECTRONIC MODULE	10/393,208	3/19/03		
100.0566		US	MULTIPLE VIDEO SCREEN DISPLAY SYSTEM	08/788,016	1/24/97	5,995,146	11/30/99
100.0567		US	SCALABLE DISTRIBUTED RADIO NETWORK	11/047,808	2/1/05	7,787,854	8/31/10
100.0568		US	ADAPTIVE TRANSMITTER FOR DIGITAL TRANSMISSION	10/434,450	5/8/03		
100.0568		US	ADAPTIVE TRANSMITTER FOR DIGITAL TRANSMISSION	10/776,036	2/10/04		
100.0568		US	ADAPTIVE TRANSMITTER FOR DIGITAL TRANSMISSION	11/043,033	1/25/05		
100.0568		US	ADAPTIVE TRANSMITTER FOR DIGITAL TRANSMISSION	11/247,000	10/7/05		
100.0568		US	ADAPTIVE TRANSMITTER FOR DIGITAL TRANSMISSION	11/444,522	5/31/06		
100.0596		US	PROTECTIVE POT OR CONTAINER	10/113,542	3/29/02	6,587,339	7/1/03
100.0597		US	PROTECTIVE POT OR CONTAINER	10/268,348	10/9/02		
100.0603		US	ARRANGEMENT FOR MEASURING CONDITION OF ANTENNA IN MOBILE TELEPHONE SYSTEM	08/972,624	11/18/97	6,131,020	10/10/00
100.0620		US	ADJUSTABLE OPTICAL CIRCULATOR	09/286,816	4/6/99	6,407,861	6/18/02
100.0621		US	OPTICAL CIRCULATOR	09/286,736	4/6/99	6,246,807	6/12/01
100.0622		US	MULTIPLE PORT, FIBER OPTIC CIRCULATOR	09/181,142	10/27/98	6,154,581	11/28/00
100.0623		US	MULTIPLE PORT, FIBER OPTIC ISOLATOR	09/179,588	10/27/98	6,167,174	12/26/00
100.0624		US	MULTIPLE PORT FIBER OPTIC COUPLING DEVICE	09/181,145	10/27/98	6,289,152	9/11/01

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0626		US	FIBER OPTIC DEVICE OPERATING AT TWO OR MORE WAVELENGTHS	09/505,019	2/16/00	6,567,578	5/20/03
100.0627		US	FIBER OPTIC ISOLATOR FOR USE WITH MULTIPLE-WAVELENGTH OPTICAL SIGNALS	09/505,077	2/16/00	6,532,321	3/11/03
100.0627		US	FIBER OPTIC ISOLATOR FOR USE WITH MULTIPLE-WAVELENGTH OPTICAL SIGNALS	10/341,625	1/14/03	6,760,160	7/6/04
100.0628		US	COMPACT OPTICAL MODULE WITH ADJUSTABLE MITER JOINT FOR DECOUPLED ALIGNMENT	10/138,163	5/1/02	6,594,418	7/15/03
100.0629		US	RETROREFLECTIVE SHEETING MATERIAL, A METHOD OF ITS PRODUCTION AND ITS USE	08/360,786	10/4/94	5,822,119	10/13/98
100.0630		US	METHOD FOR FREQUENCY AND MODE STABILISATION OF A TUNEABLE LASER THAT HAS AT LEAST THREE SECTIONS	10/239,554	9/23/02	6,785,309	8/31/04
100.0631		US	A METHOD OF PRODUCING DISTRIBUTING REFLECTORS, AND REFLECTORS PROVIDED BY THE METHOD	10/220,329	8/29/02	6,798,818	9/28/04
100.0632		US	METHOD AND APPARATUS FOR OPTIMIZING OPERATION POINTS OF A TUNABLE LASER	09/600,575	9/28/00	6,504,856	1/7/03
100.0633		US	A METHOD OF EVALUATING TUNEABLE LASERS	09/913,668	1/2/02	6,658,033	12/2/03
100.0634		US	A METHOD OF CHARACTERIZING A TUNEABLE LASER	09/913,845	1/1/02	6,826,206	11/30/04
100.0634		US	A METHOD OF CHARACTERIZING A TUNEABLE LASER	10/795,798	3/8/04		
100.0635		US	A METHOD OF CHARACTERIZING A TUNEABLE LASER AND DETERMINING ACTUAL WAVE LENGTH	09/913,847	1/2/02	6,587,485	7/1/03
100.0672		US	DYNAMIC FREQUENCY HOPPING	11/095,788	3/31/05	7,593,450	9/22/09
100.0673		US	DYNAMIC DIGITAL UP AND DOWN CONVERTERS	11/095,628	3/31/05	7,474,891	1/6/09
100.0675		US	DYNAMIC RECONFIGURATION OF RESOURCES THROUGH PAGE HEADERS	11/095,789	3/31/05	7,423,988	9/9/08
100.0675		US	DYNAMIC RECONFIGURATION OF RESOURCES THROUGH PAGE HEADERS	12/142,898	6/20/08	8,036,156	10/11/11
100.0676		US	SIGNAL ENHANCEMENT THROUGH DIVERSITY	11/094,848	3/31/05		
100.0677		US	SNMP MANAGEMENT IN A SOFTWARE DEFINED RADIO	11/095,111	3/31/05		
100.0678		US	TIME STAMP IN THE REVERSE PATH	11/095,112	3/31/05		
100.0679		US	BUFFERS HANDLING MULTIPLE PROTOCOLS	11/094,949	3/31/05		
100.0680		US	TIME START IN THE FORWARD PATH	11/095,113	3/31/05		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0681		US	LOSS OF PAGE SYNCHRONIZATION	11/094,950	3/31/05	7,424,307	9/9/08
100.0682		US	TUBULAR MEMBRANE VENT	11/205,658	8/17/05	7,585,211	9/8/09
100.0683		US	WALL-MOUNTABLE CONNECTOR	11/199,813	8/9/05	8,036,231	10/11/11
100.0683		US	WALL-MOUNTABLE CONNECTOR	13/228,134	9/8/11	8,509,261	8/13/13
100.0684		US	DYNAMIC REALLOCATION OF BANDWIDTH AND MODULATION PROTOCOLS	11/094,947	3/31/05	7,640,019	12/29/09
100.0684		US	DYNAMIC REALLOCATION OF BANDWIDTH AND MODULATION PROTOCOLS	12/020,053	1/25/08	7,554,946	6/30/09
100.0684		US	DYNAMIC REALLOCATION OF BANDWIDTH AND MODULATION PROTOCOLS	13/174,422	6/30/11	RE44,398	7/30/13
100.0685		US	DYNAMIC READJUSTMENT OF POWER	11/094,907	3/31/05	7,398,106	7/8/08
100.0685		US	DYNAMIC READJUSTMENT OF POWER	12/049,729	3/17/08	7,574,234	8/11/09
100.0686		US	METHODS AND SYSTEMS FOR HANDLING UNDERFLOW AND OVERFLOW IN A SOFTWARE DEFINED RADIO	11/095,150	3/31/05	7,583,735	9/1/09
100.0700		US	INTEGRATED NETWORK MANAGEMENT OF A SOFTWARE DEFINED RADIO SYSTEM	11/095,779	3/31/05		
100.0701		US	USE OF FORWARD ERROR CORRECTION IN WIDEBAND DIGITAL RF TRANSPORT SYSTEMS	11/358,586	2/21/06		
100.0704		US	MECHANISM TO UPGRADE SYSTEM CAPABILITY WITHOUT AFFECTING SERVICE	11/229,893	9/19/05	7,797,694	9/14/10
100.0705		US	SYSTEMS AND METHODS FOR OPTICAL POWER WINDOW CONTROL	11/238,364	9/29/05		
100.0707		US	PROVIDING WIRELESS COVERAGE INTO SUBSTANTIALLY CLOSED ENVIRONMENTS	11/150,820	6/10/05		
100.0707		US	PROVIDING WIRELESS COVERAGE INTO SUBSTANTIALLY CLOSED ENVIRONMENTS	12/775,897	5/7/10		
100.0710		US	WAVEGUIDE COUPLER MODULATOR	09/949,595	9/10/01	6,674,944	1/6/04
100.0711		US	POLARIZATION CONTROL UV WRITING	09/861,907	5/21/01	6,747,798	6/8/04
100.0711		US	POLARIZATION CONTROL UV WRITING	60/205,577	5/22/00		
100.0712		US	OPTICAL DEVICE FOR COMPENSATION OF MULTIPLE WAVELENGTHS AND WORKING DISTANCES IN DUAL-FIBER COLLIMATORS	10/207,564	8/29/02	6,839,485	1/4/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0713		US	POLARIZATION CONTROLLING OPTICS IN FIBER COLLIMATOR ASSEMBLIES	10/137,844	5/1/02	6,707,965	3/16/04
100.0714		US	GRATING ASSISTED COUPLER WITH CONTROLLED START	10/050,329	1/15/02	6,763,165	7/13/04
100.0715		US	FIBER COLLIMATOR COUPLING ASSEMBLY	10/103,475	3/21/02	6,804,435	10/12/04
100.0718		US	TUNABLE SEMICONDUCTOR LASER WITH INTEGRATED WIDEBAND REFLECTOR	09/915,046	7/25/01	6,822,980	11/23/04
100.0723		US	Reverse link antenna diversity in a wireless telephony system	09/092,638	6/5/98	6,336,042	1/1/02
100.0724		US	METHODS AND SYSTEMS FOR CONTROLLING OPTICAL POWER ATTENUATION	11/238,553	9/29/05	7,729,620	6/1/10
100.0725		US	Monitoring and command system for transceivers used to inter-connect wireless telephones to a broadband network	09/346,590	7/2/99	6,349,200	2/19/02
100.0725		US	Monitoring and command system for transceivers used to inter-connect wireless telephones to a broadband network	08/998,878	12/24/97		
100.0726		US	A SYSTEM AND METHOD TO MONITOR BROADBAND RADIO FREQUENCY TRANSPORT SYSTEMS	11/302,723	12/14/05	7,603,093	10/13/09
100.0727		US	REMOTE ANTENNA SIGNAL PROCESSOR	08/998,296	12/24/97		
100.0728		US	GSM TIME SQUELCH	09/097,837	6/16/98		
100.0729		US	Centrally located equipment for wireless telephone system	09/026,274	2/19/98	6,301,240	10/9/01
100.0730		US	Signal filtering in a transceiver for a wireless telephone system	08/998,297	12/24/97	6,223,021	4/24/01
100.0731		US	WIDE BAND NOISE REDUCTION SYSTEM	09/315,755	5/20/99		
100.0732		US	Embedded forward reference and control	09/315,754	5/20/99	6,513,163	1/28/03
100.0733		US	Dynamic reallocation of transceivers used to interconnect wireless telephones to a broadband network	08/998,301	12/24/97	6,374,124	4/16/02
100.0734		US	Apparatus and method for locating cellular telephones	08/272,725	7/8/94	5,512,908	4/30/96
100.0735		US	Apparatus and method for reducing co-channel radio interference	08/526,939	9/12/95	6,029,053	2/22/00
100.0735		US	Apparatus and method for reducing co-channel radio interference	09/459,513	12/13/99	6,233,443	5/15/01
100.0736		US	Apparatus and method for distributing wireless communications signals to remote cellular antennas	08/695,175	8/1/96	6,480,702	11/12/02
100.0737		US	Apparatus and method for finding a signal emission source	08/272,724	7/8/94	5,625,364	4/29/97
100.0738		US	Simulcast with hierarchical cell structure overlay	09/042,950	3/17/98	6,122,529	9/19/00

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0739		US	BROADCAST DOWNLOAD TECHNIQUE	09/315,752	5/20/99		
100.0740		US	IMPROVED REVERSE PATH AUTOGAIN CONTROL	09/315,753	5/20/99		
100.0741		US	Low noise in-building distribution network for wireless signals	09/548,878	4/13/00	6,560,441	5/6/03
100.0741		US	Low noise in-building distribution network for wireless signals	60/129,433	4/15/99		
100.0742		US	REMOTE HUB ARRANGEMENT FOR DEPLOYING CELL SITES ESPECIALLY ALONG A CORRIDOR	09/432,617	11/3/99		
100.0742		US	REMOTE HUB ARRANGEMENT FOR DEPLOYING CELL SITES ESPECIALLY ALONG A CORRIDOR	60/130,611	4/22/99		
100.0742		US	REMOTE HUB ARRANGEMENT FOR DEPLOYING CELL SITES ESPECIALLY ALONG A CORRIDOR	60/130,819	4/23/99		
100.0750		US	METHOD AND PROCESS OF USING SIMULCAST TO IMPROVE WIRELESS SUBWAY FUNCTIONALITY	09/820,282	3/28/01		
100.0750		US	METHOD AND PROCESS OF USING SIMULCAST TO IMPROVE WIRELESS SUBWAY FUNCTIONALITY	60/192,748	3/28/00		
100.0751		US	REMOTELY CONTROLLED GAIN CONTROL OF TRANSCEIVER USED TO INTERCONNECT WIRELESS TELEPHONES TO A BROADBAND NETWORK	09/346,589	7/2/99	6,192,216	2/20/01
100.0751		US	REMOTELY CONTROLLED GAIN CONTROL OF TRANSCEIVER USED TO INTERCONNECT WIRELESS TELEPHONES TO A BROADBAND NETWORK	08/998,874	12/24/97		
100.0755		US	MULTIPROTOCOL ANTENNA SYSTEM FOR MULTIPLE SERVICE PROVIDER-MULTIPLE AIR INTERFACE CO-LOCATED BASE STATIONS	13/433,771	3/29/12	8,290,483	10/16/12
100.0755		US	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	13/614,408	9/13/12	8,559,939	10/15/13
100.0755		US	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	14/016,713	9/3/13		
100.0755		US	Multi-protocol distributed antenna system for multiple service provider-multiple air interface co-located base stations	11/098,941	4/5/05	7,761,093	7/20/10
100.0755		US	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	09/818,986	3/27/01	6,963,552	11/8/05
100.0755		US	MULTIPROTOCOL ANTENNA SYSTEM FOR MULTIPLE SERVICE PROVIDER-MULTIPLE AIR INTERFACE CO-LOCATED BASE STATIONS	12/817,706	6/17/10	7,920,858	4/5/11
100.0755		US	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	13/033,337	2/23/11	8,160,570	4/17/12

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0755		US	Multi-Protocol Distributed Wireless System Architecture	60/192,186	3/27/00		
100.0756		US	LICENSED BAND ADAPTATIONS	09/334,840	6/17/99		
100.0756		US	LICENSED BAND ADAPTATIONS	60/130,414	4/21/99		
100.0757		US	Optical simulcast network with centralized call processing	09/256,244	2/23/99	6,504,831	1/7/03
100.0758		US	GAIN EQUALIZATION FOR OPTICAL FIBER DISTRIBUTION NETWORK	08/998,874	12/24/97		
100.0758		US	GAIN EQUALIZATION FOR OPTICAL FIBER DISTRIBUTION NETWORK	09/270,621	3/17/99		
100.0759		US	BLOSSOM/WILT OR DYNAMIC REALLOCATION IN A DISTRIBUTED FIBER SYSTEM	09/296,011	4/21/99	6,415,132	7/2/02
100.0760		US	Architecture for signal distribution in wireless data network	14/341,205	7/25/14		
100.0760		US	Architecture for signal distribution in wireless data network	09/332,518	6/14/99	6,587,479	7/1/03
100.0760		US	Architecture for signal distribution in wireless data network	10/606,655	6/26/03	7,359,392	4/15/08
100.0760		US	Architecture for signal distribution in wireless data network	13/110,159	5/18/11	8,824,457	9/2/14
100.0760		US	Architecture for signal distribution in wireless data network	10/806,032	3/22/04	7,969,965	6/28/11
100.0760		US	Architecture for signal distribution in wireless data network	10/869,468	6/16/04	8,379,569	2/19/13
100.0760		US	Architecture for signal distribution in wireless data network	60/130,445	4/21/99		
100.0763		US	Operations and maintenance architecture for multiprotocol distributed system	14/147,005	1/3/14		
100.0763		US	Operations and maintenance architecture for multiprotocol distributed system	13/169,561	6/27/11	8,762,510	6/24/14
100.0763		US	Operations and Maintenance Architecture for Multiprotocol Distributed System	09/821,820	3/29/01	7,313,626	12/25/07
100.0763		US	Operations and maintenace architecture for multiprotocol distributed system	11/940,817	11/15/07	7,991,903	8/2/11
100.0763		US	Operations and maintenace architecture for multiprotocol distributed system	60/192,870	3/29/00		
100.0764		US	METHOD AND APPARATUS FOR AUXILIARY PILOT SIGNAL FOR MOBILE PHONE LOCATION	10/352,373	1/27/03		
100.0764		US	METHOD AND APPARATUS FOR AUXILIARY PILOT SIGNAL FOR MOBILE PHONE LOCATION	60/352,617	1/29/02		
100.0765		US	System and method for retransmission of data	10/161,557	5/31/02	6,831,901	12/14/04
100.0765		US	System and method for retransmission of data	11/012,868	12/14/04	7,215,651	5/8/07
100.0765		US	System and method for retransmission of data	11/682,159	3/5/07	7,702,985	4/20/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0767		US	BI-DIRECTIONAL DATA CONTROL STATE MACHINE	11/343,053	1/30/06	7,430,626	9/30/08
100.0768		US	METHODS AND SYSTEMS FOR CONTROLLING POWER IN A COMMUNICATIONS NETWORK	11/349,827	2/8/06	7,684,698	3/23/10
100.0782		US	SYSTEM FOR MOUNTING MODULES IN A RACK MOUNTED CHASSIS	11/388,088	3/23/06	7,301,756	11/27/07
100.0782		US	SYSTEM FOR MOUNTING MODULES IN A RACK MOUNTED CHASSIS	11/876,269	10/22/07		
100.0783		US	Conductive sleeve for use in radio frequency systems	11/370,557	3/8/06	7,841,899	11/30/10
100.0783		US	CARTRIDGE FOR USE IN RADIO FREQUENCY SYSTEMS	12/904,545	10/14/10		
100.0783		US	LOW PASS FILTER CARTRIDGE	60/752,786	12/22/05		
100.0784		US	SYSTEM AND METHOD FOR ENHANCING THE PERFORMANCE OF WIDEBAND DIGITAL RF TRANSPORT SYSTEMS	11/398,879	4/6/06	7,610,046	10/27/09
100.0784		US	SYSTEM AND METHOD FOR ENHANCING THE PERFORMANCE OF WIDEBAND DIGITAL RF TRANSPORT SYSTEMS	12/606,755	10/27/09	7,848,747	12/7/10
100.0787		US	SYSTEM AND METHOD FOR REMOTELY RESTORING INOPERATIVE DATA COMMUNICATIONS	11/279,772	4/14/06	7,630,296	12/8/09
100.0788		US	SYSTEMS AND METHODS FOR ANALOG TRANSPORT OF RF VOICE/DATA COMMUNICATIONS	11/279,480	4/12/06	7,599,711	10/6/09
100.0789		US	SYSTEMS AND METHODS OF OPTICAL PATH PROTECTION FOR DISTRIBUTED ANTENNA SYSTEMS	13/353,758	1/19/12	8,805,182	8/12/14
100.0789		US	SYSTEMS AND METHODS OF OPTICAL PATH PROTECTION FOR DISTRIBUTED ANTENNA SYSTEMS	14/447,837	7/31/14		
100.0789		US	SYSTEMS AND METHODS OF OPTICAL PATH PROTECTION FOR DISTRIBUTED ANTENNA SYSTEMS	11/380,798	4/28/06	7,805,073	9/28/10
100.0789		US	SYSTEMS AND METHODS OF OPTICAL PROTECTION SWITCHING IN A DISTRIBUTED ANTENNAE NETWORK	12/862,042	8/24/10	8,135,273	3/13/12
100.0798		US	WIRELESS INTERNET-PROTOCOL-BASED TRAFFIC SIGNAL LIGHT MANAGEMENT	11/534,042	9/21/06		
100.0799		US	STRAND MOUNT HOOK	11/472,581	6/22/06		
100.0802		US	APPARATUS FOR ENCLOSING ELECTRONIC COMPONENTS USED IN TELECOMMUNICATION SYSTEMS	11/752,364	5/23/07	7,535,716	5/19/09
100.0804		US	ENCLOSURE FOR ELECTRONIC COMPONENTS	29/275,334	12/21/06	D568,841	5/13/08
100.0807		US	METHOD OF IDENTIFYING A DEVICE BY GPS COORDINATES	11/551,512	10/20/06	7,894,827	2/22/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0808		US	CLAMPING SYSTEM FOR AREAS WITH LIMITED ACCESSIBILITY	11/561,516	11/20/06		
100.0810		US	APPARATUS FOR ENCLOSING ELECTRONIC COMPONENTS	11/748,711	5/15/07	7,450,382	11/11/08
100.0814		US	DELAY MANAGEMENT FOR DISTRIBUTED COMMUNICATIONS NETWORKS	11/839,086	8/15/07	7,948,897	5/24/11
100.0814		US	DELAY MANAGEMENT FOR DISTRIBUTED COMMUNICATIONS NETWORKS	13/019,571	2/2/11	8,509,215	8/13/13
100.0826		US	SYSTEMS AND METHODS FOR A UNIVERSAL BASE STATION	11/684,924	3/12/07		
100.0828		US	MODULAR WIRELESS COMMUNICATIONS PLATFORM	13/335,128	12/22/11		
100.0828		US	MODULAR WIRELESS COMMUNICATIONS PLATFORM	11/627,251	1/25/07	8,737,454	5/27/14
100.0829		US	A DISTRIBUTED REMOTE BASE STATION SYSTEM	11/627,255	1/25/07	8,583,100	11/12/13
100.0831		US	A MULTI-FUNCTIONAL HINGE	11/691,963	3/27/07		
100.0832		US	APPARATUS FOR TRANSFERRING HEAT BETWEEN TWO CORNER SURFACES	11/691,970	3/27/07	7,515,420	4/7/09
100.0833		US	THERMAL MANAGEMENT SYSTEMS AND METHODS FOR ELECTRONIC COMPONENTS IN A SEALED ENCLOSURE	11/746,199	5/9/07		
100.0834		US	CLAMSHELL CHASSIS ASSEMBLY	11/692,014	3/27/07	7,654,304	2/2/10
100.0835		US	CONSTANT TENSION POLE MOUNT BRACKET	11/697,425	4/6/07	7,789,360	9/7/10
100.0836		US	CABLE PROTECTION COVER	12/182,459	7/30/08	8,063,304	11/22/11
100.0838		US	COMBINED-NATURAL-AND-FORCED-CONVECTION HEAT SINK	11/692,000	3/27/07	7,652,880	1/26/10
100.0839		US	APPARATUS FOR IMPROVING THE ACCESSIBLITY OF A MOUNTED STRUCTURE	11/691,980	3/27/07		
100.0840		US	MODULARIZED RADIO FREQUENCY BAND COMPONENTS ON REMOVABLE DOORS	11/692,026	3/27/07	7,518,863	4/14/09
100.0844		US	CHASSIS MOUNTED HEAT SINK SYSTEM	11/747,039	5/10/07	7,457,123	11/25/08
100.0846		US	METHOD AND SYSTEM FOR ENHANCING THE PERFORMANCE OF WIDEBAND DIGITAL RF TRANSPORT SYSTEMS	11/692,032	3/27/07		
100.0847		US	DIGITIZED REVERSE LINK MONITOR	11/692,028	3/27/07	8,457,562	6/4/13
100.0848		US	A METHOD FOR DATA CONVERTER SAMPLE CLOCK DISTRIBUTION	11/774,441	7/6/07	7,668,153	2/23/10
100.0848		US	A METHOD FOR DATA CONVERTER SAMPLE CLOCK DISTRIBUTION	60/908,348	3/27/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0850		US	OPEN RAIL CARD CAGE	11/691,985	3/27/07		
100.0852		US	CHASSIS FOR ELECTRONIC CIRCUITRY (Design)	29/278,367	3/27/07	D621,812	8/17/10
100.0853		US	RECONFIGURABLE MOUNTING BRACKET	11/691,990	3/27/07	7,848,100	12/7/10
100.0855		US	DOOR (Design)	29/278,372	3/27/07		
100.0856		US	CHASSIS FOR ELECTRONIC CIRCUITRY	29/278,368	3/27/07	D619,992	7/20/10
100.0857		US	HEAT SINK WITH ANGLED FINS	11/735,582	4/16/07	8,291,965	10/23/12
100.0864		US	SYSTEM AND METHOD OF DELIVERING CONTENT USING NETWORKED WIRELESS COMMUNICATION UNITS	12/351,048	1/9/09		
100.0866		US	OBSAI related inventions				
100.0867		US	DAISY-CHAINING REMOTES IN A NETWORK USING OBSAI (AT LEAST TWO MESSAGING EMBODIMENTS WERE DISCUSSED)				
100.0868		US	IMPROVEMENTS IN OBSAI PHYSICAL LAYER (REPLACEMENT FOR 8B/10B CODING)				
100.0869		US	IMPROVEMENTS IN SIMULCAST FOR OBSAI				
100.0870		US	METHOD AND SYSTEM FOR REDUCING UPLINK NOISE IN WIRELESS COMMUNICATION SYSTEMS	11/842,516	8/21/07	7,974,244	7/5/11
100.0871		US	SYSTEM AND METHOD FOR SELECTIVELY REJECTING FREQUENCY BANDS IN WIRELESS COMMUNICATION SYSTEMS BANDS IN WIRELESS COMMUNICATION SYSTEMS	11/857,537	9/19/07		
100.0872		US	APPARATUS FOR SPREADING HEAT OVER A FINNED SURFACE	11/831,543	7/31/07	8,051,896	11/8/11
100.0873		US	APPARATUS FOR TRANSFERRING HEAT IN A FIN OF A HEAT SINK	11/831,561	7/31/07	8,235,094	8/7/12
100.0874		US	APPARATUS FOR TRANSFERRING HEAT FROM A HEAT SPREADER	11/831,583	7/31/07	7,539,019	5/26/09
100.0875		US	MULTIPLEXING APPARATUS IN A TRANSCEIVER SYSTEM	11/943,724	11/21/07	7,701,887	4/20/10
100.0875		US	MULTIPLEXING APPARATUS IN A TRANSCEIVER SYSTEM	12/707,921	2/18/10	8,031,647	10/4/11
100.0876		US	APPARATUS FOR TRANSFERRING BETWEEN TWO HEAT CONDUCTING SURFACES	11/831,603	7/31/07		
100.0879		US	SYSTEMS AND METHODS FOR DOPPLER SHIFT COMPENSATION IN OFDMA COMMUNICATIONS	12/109,771	4/25/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0879		US	SYSTEMS AND METHODS FOR DOPPLER SHIFT COMPENSATION IN OFDMA COMMUNICATIONS	12/356,750	1/22/09		
100.0880		US	ELECTRONIC EQUIPMENT ENCLOSURE	09/916,520	7/27/01	6,507,494	1/14/03
100.0880		US	Enclosure for Telecommunications Equipment	60/221,234	7/27/00		
100.0880		US	Enclosure for Telecommunications Equipment	60/221,235	7/27/00		
100.0887		US	APPARATUS FOR DIRECTING HEAT TO A HEAT SPREADER	11/948,765	11/30/07	7,672,134	3/2/10
100.0892		US	ELECTRONICS ENCLOSURE FOR SUSPENDED CEILINGS	12/047,403	3/13/08	8,083,300	12/27/11
100.0894		US	MULTIPLE-TRX PICO BASE STATION FOR PROVIDING IMPROVED WIRELESS CAPACITY AND COVERAGE IN A BUILDING	12/367,449	2/6/09	8,548,526	10/1/13
100.0894		US	MULTIPLE-TRX PICO BASE STATION FOR PROVIDING IMPROVED WIRELESS CAPACITY AND COVERAGE IN A BUILDING				
100.0894		US	MULTIPLE-TRX PICO BASE STATION FOR PROVIDING IMPROVED WIRELESS CAPACITY AND COVERAGE IN A BUILDING	61/027,363	2/8/08		
100.0912		US	PACKET NETWORK MONITORING DEVICE	08/619,934	3/18/96		
100.0912		US	PACKET NETWORK MONITORING DEVICE	09/429,458	10/28/99	6,795,402	9/21/04
100.0912		US	PACKET NETWORK MONITORING DEVICE	10/797,984	3/11/04	7,362,714	4/22/08
100.0912		US	PACKET NETWORK MONITORING DEVICE	12/050,232	3/18/08	8,811,186	8/19/14
100.0912		US	PACKET NETWORK MONITORING DEVICE	14/284,648	5/22/14		
100.0912		US	PACKET NETWORK MONITORING DEVICE	60/010,719	1/29/96		
100.0914		US	METHOD AND SYSTEM FOR PERFORMING ONSITE MAINTENANCE OF WIRELESS COMMUNICATION SYSTEMS	12/122,921	5/19/08		
100.0916		US	METHOD AND APPARATUS FOR SWITCHING IN A TDD SYSTEM	12/144,977	6/24/08	8,626,238	1/7/14
100.0917		US	SYSTEM AND METHOD OF DELIVERING CONTENT FROM A WIRELESS COMMUNICATION UNIT	12/351,055	1/9/09		
100.0918		US	SYSTEM AND METHOD OF DELIVERING CONTENT OVER A LOCAL WIRELESS SYSTEM	12/351,059	1/9/09		
100.0921		US	METHOD AND APPARATUS FOR FRAME DETECTION IN A COMMUNICATIONS SYSTEM	12/144,961	6/24/08	8,385,373	2/26/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0922		US	Method and system for distributing multiband wireless communications signals	09/771,320	1/26/01	6,801,767	10/5/04
100.0923		US	A HEAT SINK SYSTEM HAVING THERMALLY CONDUCTIVE RODS	12/144,734	6/24/08	8,830,678	9/9/14
100.0924		US	SYSTEM AND METHOD FOR SYNCHRONIZED TIME-DIVISION DUPLEX SIGNAL SWITCHING	12/144,939	6/24/08	8,310,963	11/13/12
100.0925		US	SYSTEM AND METHOD FOR CONFIGURABLE TIME-DIVISION DUPLEX INTERFACE	12/144,913	6/24/08	8,208,414	6/26/12
100.0926		US	Fast Download				
100.0936		US	Communication system having a community wireless local area network for voice and high speed data communication	10/893,611	7/15/04	8,184,603	5/22/12
100.0936		US	COMMUNICATION SYSTEM HAVING A COMMUNITY WIRELESS LOCAL AREA NETWORK FOR VOICE AND HIGH SPEED DATA COMMUNICATION	13/454,455	4/24/12		
100.0936		US	Communication system having a community wireless local area network for voice and high speed data communication	10/342,591	1/14/03		
100.0936		US	Communication system having a community wireless local area network for voice and high speed data communication	10/655,152	9/3/03		
100.0936		US	Communication system having a community wireless local area network for voice and high speed data communication	60/353,815	1/31/02		
100.0937		US	Distribution of radio-frequency signals through low bandwidth infrastructures	08/871,556	6/10/97	5,765,099	6/9/98
100.0937		US	Distribution of radio-frequency signals through low bandwidth infrastructures	09/095,084	6/9/98	6,157,810	12/5/00
100.0937		US	Distribution of Radio-Frequency Signals Through Low Bandwidth Infrastructures	08/635,368	4/19/96		
100.0939		US	Adaptive capacity management in a centralized basestation architecture	09/965,584	9/25/01	6,594,496	7/15/03
100.0939		US	Adaptive capacity management in a centralized basestation architecture	09/560,656	4/27/00		
100.0940		US	Multi-frequency pilot beacon for CDMA systems	09/321,312	5/27/99	6,556,551	4/29/03
100.0941		US	TRANSPORT OF SIGNALS OVER AN OPTICAL FIBER USING ANALOG RF MULTIPLEXING	10/227,614	8/22/02		
100.0942		US	DETERMINING MOBILE LOCATION WITH TAGGED SIGNALS FROM A DISTRIBUTED ANTENNA SYSTEM	10/754,279	1/8/04		
100.0943		US	Wireless Remote Antenna System for RF Coverage Inside an Elevator Car	61/005,855	12/6/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0944		US	Centralized channel selection in a distributed RF antenna system	08/864,298	5/28/97	5,930,682	7/27/99
100.0945		US	Fault detection in a frequency duplexed system	08/791,689	1/30/97	5,883,882	3/16/99
100.0946		US	Method and system providing RF distribution for fixed wireless local loop service	08/834,927	4/8/97	6,014,546	1/11/00
100.0947		US	Method and system providing increased antenna functionality in a RF distribution system	08/841,941	4/8/97	5,983,070	11/9/99
100.0948		US	System and method for distributing wireless communication signals over metropolitan telecommunication networks	10/313,900	12/6/02	6,785,558	8/31/04
100.0949		US	A CELLULAR COMMUNICATIONS SYSTEM WITH CENTRALIZED CAPACITY RESOURCES USING DWDM FIBER OPTIC BACKBONE	09/561,372	4/28/00		
100.0950		US	Dynamic sectorization in a CDMA cellular system employing centralized base-station architecture	09/562,598	4/29/00	6,353,600	3/5/02
100.0951		US	WIRELESS LOCATION POSITIONING USING A DISTRIBUTED ANTENNA ARCHITECTURE	09/809,756	3/14/01		
100.0952		US	Wireless deployment of bluetooth access points using a distributed antenna architecture	09/818,174	3/26/01	6,771,933	8/3/04
100.0953		US	System for and method of for providing dedicated capacity in a cellular network	11/486,627	7/14/06	7,844,273	11/30/10
100.0954		US	DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM AND METHODS OF IMPLEMENTING THEREOF	11/511,646	8/29/06	7,848,770	12/7/10
100.0955		US	SYSTEM AND METHOD OF PROVIDING REMOTE COVERAGE AREA FOR WIRELESS COMMUNICATIONS	11/644,034	12/22/06	7,817,958	10/19/10
100.0956		US	LOCALIZATION OF A MOBILE DEVICE IN DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM	13/974,255	8/23/13		
100.0956		US	LOCALIZATION OF A MOBILE DEVICE IN DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM	11/728,123	3/23/07	8,005,050	8/23/11
100.0957		US	SYSTEM FOR AND METHOD OF CONFIGURING DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM	11/897,728	8/31/07		
100.0958		US	DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM	11/823,280	6/26/07	8,010,116	8/30/11
100.0958		US	DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM	13/162,760	6/17/11	8,229,497	7/24/12
100.0958		US	DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM	13/527,039	6/19/12	8,532,698	9/10/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0959		US	Apparatus and method for optically transmitting electrical signals in the 20-300 gigahertz frequency range	08/432,452	5/1/95	5,631,916	5/20/97
100.0960		US	Measurement-based method of optimizing the placement of antennas in a RF distribution system	08/635,300	4/19/96	5,668,562	9/16/97
100.0961		US	Multiple antenna cellular network	08/582,512	1/3/96	6,078,823	6/20/00
100.0961		US	Multiple antenna cellular network	60/006,656	11/13/95		
100.0962		US	Wireless private branch exchange	60,071,075	1/15/98		
100.0962		US	Wireless private branch exchange	09/231,329	1/13/99		
100.0968		US	Self-contained masthead units for cellular communication networks	09/176,380	10/21/98	6,269,255	7/31/01
100.0968		US	Self-contained masthead units for cellular communication networks	09/877,303	6/8/01	6,912,409	6/28/05
100.0968		US	Self-contained masthead units for cellular communication networks	60/062,917	10/21/97		
100.0969		US	Frequency agile transceiver with multiple frequency synthesizers per transceiver	08/434,597	5/4/95	5,781,582	7/14/98
100.0970		US	Spread spectrum communication network signal processor	08/434,554	5/4/95	5,682,403	10/28/97
100.0970		US	Spread spectrum communication network signal processor	08/903,714	7/31/97		
100.0971		US	MULTIPLE ANTENNA CELLULAR NETWORK	08/748,015	11/12/96	6,070,071	5/30/00
100.0971		US	MULTIPLE ANTENNA CELLULAR NETWORK	09/583,823	5/30/00	6,549,772	4/15/03
100.0973		US	Cellular network having a concentrated base transceiver station and a plurality of remote transceivers	09/295,058	4/20/99	6,535,732	3/18/03
100.0973		US	CELLULAR NETWORK COMMUNICATION SYSTEM	60/099,051	9/3/98		
100.0975		US	ENVIRONMENTALLY-HARDENED ATM NETWORK	09/769,848	1/25/01		
100.0977		US	Configuration-independent methods and apparatus for software communication in a cellular network	60/006,455	11/10/95		
100.0978		US	HYBRID CELLULAR COMMUNICATION APPARATUS AND METHOD	60/006,589	11/10/95		
100.0979		US	Cellular Adjunct To A Public Wired Network	60/006,454	11/10/95		
100.0981		US	Terminal device emulator	60/365,422	3/18/02		
100.0984		US	Wireless co-tenant base station	09/229,771	1/13/99		
100.0984		US	Wireless co-tenant base station	60/071,584	1/15/98		
100.0986		US	Methods and apparatus for improved base station transceivers	08/914,983	8/20/97	6,101,400	8/8/00

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0987		US	Tower top cellular communication devices and method for operating the same	09/940,279	8/27/01	6,931,261	8/16/05
100.0987		US	Tower top cellular communication devices and method for operating the same	10/076,810	2/13/02		
100.0987		US	Tower top cellular communication devices and method for operating the same	60/353,851	1/31/02		
100.0996		US	Distributed cellular network communication system	60,227,392	8/23/00		
100.0996		US	Distributed cellular network communication system	09/938,098	8/23/01		
100.0997		US	Method and apparatus for receive channel noise suppression	09/648,259	8/25/00	6,675,004	1/6/04
100.0999		US	Synchronous digital hierarchy switch system	09/416,950	10/13/99	6,553,111	4/22/03
100.1002		US	GPRS WIRELESS NETWORK HAVING LOCAL SWITCHING CAPABILITIES AND METHOD OF OPERATING THE SAME	60/357,356	2/13/02		
100.1003		US	Private cellular network with a public network interface and a wireless local area network extension	10/126,250	4/19/02		
100.1003		US	Private cellular network with a public network interface and a wireless local area network extension	60/351,764	1/24/02		
100.1004		US	PRIVATE CELLULAR NETWORK WITH A PUBLIC NETWORK INTERFACE AND A WIRELESS LOCAL AREA NETWORK EXTENSION	60/357,723	2/15/02		
100.1008		US	METHOD AND APPARATUS FOR INCREASED QoS AND REDUCED INTERFERENCE IN MESH ARCHITECTURE RADIO TELECOMMUNICATIONS SYSTEMS	10/632,707	8/1/03		
100.1008		US	METHOD AND APPARATUS FOR INCREASED QoS AND REDUCED INTERFERENCE IN MESH ARCHITECTURE RADIO TELECOMMUNICATIONS SYSTEMS	60/400,926	8/1/02		
100.1010		US	ENVIRONMENTALLY-HARDENED REMOTE DSLAM	09/769,852	1/25/01		
100.1011		US	ALTERNATE FAULT NOTIFICATION SYSTEM IN A COMMUNICATION NETWORK	09/654,218	9/1/00		
100.1014		US	Split dove-tail gasket channel for round gasket material	08/893,415	7/11/97	5,957,464	9/28/99
100.1019		US	Intelligent private 3G network and method of operating the same	10/068,655	2/6/02		
100.1019		US	Intelligent private 3G network and method of operating the same	60/337,034	11/6/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1020		US	Method and apparatus for providing communication between a PBX terminal and a public wireless network via a private wireless network	10/002,551	11/1/01		
100.1021		US	LOW COST ENTERPRISE WIRELESS VOICE-DATA NETWORK	60/405,691	8/21/02		
100.1022		US	CONNECTOR PLACEMENT AND ORIENTATION FO BACKPLANE	60/404,252	8/16/02		
100.1023		US	ALL-ETHERNET SOLUTION FOR A RADIO ACCESS NODE/CONTROLLER WITH QoS GUARANTEES	60/404,225	8/16/02		
100.1024		US	ALL-ETHERNET SOLUTION FOR A RADIO ACCESS NODE/CONTROLLER WITH QOS GUARANTEES	60/497,363	8/21/03		
100.1025		US	MULTIPLE CHANNEL GIGABIT SERIAL INTERFACE PSEUDO MESH CONNECTION BETWEEN MULTIPLE CIRCUIT CARDS OR BOARDS	60/404,060	8/16/02		
100.1027		US	COMMUNICATION MODULE COMPONENT ASSEMBLIES	12/137,322	6/11/08	8,254,850	8/28/12
100.1028		US	APPARATUS FOR MOUNTING A MODULE AND ENABLING HEAT CONDUCTION FROM THE MODULE TO THE MOUNTING SURFACE	12/137,297	6/11/08	7,864,534	1/4/11
100.1029		US	SUSPENSION METHOD FOR COMPLIANT THERMAL CONTACT OF ELECTRONICS MODULES	12/470,648	5/22/09	8,549,741	10/8/13
100.1029		US	SUSPENSION METHOD FOR COMPLIANT THERMAL CONTACT OF ELECTRONICS MODULES	61/060,589	6/11/08		
100.1030		US	ANGLED DOORS WITH CONTINUOUS SEAL	12/137,307	6/11/08	8,125,785	2/28/12
100.1031		US	L-SHAPED DOORS WITH 3 SURFACE SEAL FOR ENDPLATES	12/474,933	5/29/09	8,141,965	3/27/12
100.1031		US	L-SHAPED DOORS WITH 3 SURFACE SEAL FOR ENDPLATES	61/060,523	6/11/08		
100.1032		US	L-SHAPED DOORS WITH TRAPEZOIDAL SEAL	12/200,221	8/28/08	8,083,302	12/27/11
100.1032		US	L-SHAPED DOORS WITH TRAPEZOIDAL SEAL	61/060,576	6/11/08		
100.1033		US	SYSTEMS AND METHODS FOR VENTURI FAN-ASSISTED COOLING	12/137,309	6/11/08	7,724,521	5/25/10
100.1034		US	COMBINATION EXTRUDED AND CAST METAL OUTDOOR ELECTRONICS ENCLOSURE	12/410,736	3/25/09	8,148,648	4/3/12
100.1034		US	COMBINATION EXTRUDED AND CAST METAL OUTDOOR ELECTRONICS ENCLOSURE	61/060,547	6/11/08		
100.1035		US	SYSTEMS AND METHODS FOR CABLE MANAGEMENT	12/337,352	12/17/08	7,663,060	2/16/10
100.1035		US	SYSTEMS AND METHODS FOR CABLE MANAGEMENT	61/060,584	6/11/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1036		US	POLE MOUNTING OUTRIGGERS	12/432,880	4/30/09		
100.1036		US	POLE MOUNTING OUTRIGGERS	61/055,682	5/23/08		
100.1037		US	CAM SHAPED HINGES	12/356,295	1/20/09	7,719,856	5/18/10
100.1037		US	CAM SHAPED HINGES	61/060,581	6/11/08		
100.1038		US	SOLAR SHIELD	12/137,313	6/11/08	7,812,254	10/12/10
100.1039		US	APPARATUS FOR ACCEPTING A SELF-DRILLING SCREW	12/208,455	9/11/08		
100.1039		US	APPARATUS AND METHOD FOR BLIND SLOTS FOR SELF DRILLING/SELF-TAPPING SCREWS	61/060,501	6/11/08		
100.1040		US	SYSTEMS AND METHODS FOR THERMAL MANAGEMENT	12/472,490	5/27/09	8,031,470	10/4/11
100.1040		US	SYSTEMS AND METHODS FOR THERMAL MANAGEMENT	61/060,593	6/11/08		
100.1042		US	BIREFRINGENT MACH-ZEHNDER INTERFEROMETER	10/010,646	11/13/01	6,992,777	1/31/06
100.1043		US	POLARIZATION BEAM SEPARATOR AND COMBINER	10/010,815	11/13/01	6,741,764	5/25/04
100.1043		US	POLARIZATION BEAM SEPARATOR AND COMBINER	10/846,084	5/14/04	7,206,479	4/17/07
100.1043		US	POLARIZATION BEAM SEPARATOR AND COMBINER	11/644,640	12/22/06	7,359,584	4/15/08
100.1044		US	LOSSLESS BEAM COMBINATION IN A DUAL FIBER COLLIMATOR USING A POLARIZING BEAM SPLITTER	10/137,840	5/1/02	7,050,234	5/23/06
100.1045		US	DUAL FIBER COLLIMATOR ASSEMBLY POINTING CONTROL	09/999,891	10/31/01	6,860,644	3/1/05
100.1046		US	ANGLE TUNING WAVELENGTH SENSITIVE FILTERS USING A VARIABLE FOCAL LENGTH LENS	10/207,573	7/29/02	6,950,574	9/27/05
100.1047		US	COMPACT OPTICAL MODULE WITH ADJUSTABLE JOINT FOR DECOUPLED ALIGNMENT	10/138,168	5/1/02	6,909,827	6/21/05
100.1048		US	SEMICONDUCTOR OPTICAL DEVICE HAVING ASYMMETRIC RIDGE WAVEGUIDE AND METHOD OF MAKING SAME	10/657,807	9/8/03	7,076,130	7/11/06
100.1048		US	SEMICONDUCTOR OPTICAL DEVICE HAVING ASYMMETRIC RIDGE WAVEGUIDE AND METHOD OF MAKING SAME	60/409,730	9/11/02		
100.1049		US	METHOD AND ALGORITHM FOR CONTINUOUS WAVELENGTH LOCKING	10/015,151	12/11/01	7,075,656	7/11/06
100.1050		US	ROBUST WAVELENGTH LOCKER FOR CONTROL OF LASER WAVELENGTH	10/014,278	12/11/01	7,038,782	5/2/06
100.1051		US	METHOD AND APPARATUS FOR LASER WAVELENGTH STABILIZATION	10/014,277	12/11/01	6,859,469	2/22/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1052		US	FIBER OPTIC TAP	09/999,533	10/31/01	6,999,663	2/14/06
100.1053		US	RAMAN AMPLIFIER WITH HIGH POWER FIBER DISTRIBUTION BYPASS	10/103,161	3/20/02	6,806,998	10/19/04
100.1054		US	A METHOD FOR FREQUENCY AND MODE STABILISATION OF A TUNEABLE LASER	10/240,470	10/1/02	6,888,858	5/3/05
100.1057		US	A METHOD OF WAVELENGTH LOCKING AND MODE MONITORING A TUNABLE LASER	09/913,846	1/2/02	6,658,028	12/2/03
100.1058		US	A METHOD AND ARRANGEMENT FOR CONTROLLING A TUNEABLE LASER	10/030,233	5/13/02	6,801,552	10/5/04
100.1059		US	Method and Device for Local Linking of Optical and Acoustic Signals	08/744,912	11/8/96	6,477,256	11/5/02
100.1060		US	METHOD AND DEVICE FOR TUNING THE WAVELENGTH OF AN OPTOELECTRONIC COMPONENT ARRANGEMENT	09/555,662	8/25/00	7,054,340	5/30/06
100.1061		US	METHOD AND APPARATUS FOR COMPENSATING LOSSES IN A TUNABLE LASER FILTER	10/080,492	2/22/02	6,904,065	6/7/05
100.1062		US	CIRCUIT CARD SUBASSEMBLIES FOR INTERCONNECTION OF ELECTRONIC COMPONENTS	12/427,030	4/21/09		
100.1062		US	SERF BOARD COMPONENTS	61/060,762	6/11/08		
100.1064		US	PULL-OUT SHELF FOR USE IN A CONFINED SPACE FORMED IN A STRUCTURE	12/199,879	8/28/08	8,019,396	9/13/11
100.1064		US	PULL-OUT SHELF FOR USE IN A CONFINED SPACE FORMED IN A STRUCTURE	61/060,740	6/11/08		
100.1065		US	WEATHER RESISTANT VARIABLE ENCLOSURE FRAME	12/268,114	11/10/08	7,893,365	2/22/11
100.1066		US	RANGE EXTENSION FOR TIME DIVISION DUPLEX SYSTEMS	12/396,899	3/3/09	8,050,246	11/1/11
100.1067		US	ENCLOSURES	29/319,598	6/11/08		
100.1068		US	ENCLOSURES (Design)	29/319,602	6/11/08		
100.1069		US	Modular Enclosure				
100.1071		US	METHOD AND APPARATUS FOR DETERMINING AN END OF A SUBFRAME IN A TDD SYSTEM	12/208,971	9/11/08	7,961,689	6/14/11
100.1071		US	METHOD AND APPARATUS FOR DETERMINING AN END OF A SUBFRAME IN A TDD SYSTEM	61/089,613	8/18/08		
100.1071		US	METHOD AND APPARATUS FOR DETERMINING AN END OF A SUBFRAME IN A TDD SYSTEM	61/089,614	8/18/08		
100.1072		US	CLOCK PRIORITY CHAIN LEVEL SYSTEMS AND METHODS	12/326,372	12/2/08	8,165,169	4/24/12

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1075		US	SYSTEMS AND METHODS FOR MOBILE PHONE LOCATION WITH DIGITAL DISTRIBUTED ANTENNA SYSTEMS	13/681,535	11/20/12	8,526,970	9/3/13
100.1075		US	SYSTEMS AND METHODS FOR MOBILE PHONE LOCATION WITH DIGITAL DISTRIBUTED ANTENNA SYSTEMS	12/555,923	9/9/09	8,346,278	1/1/13
100.1075		US	SYSTEMS AND METHODS FOR MOBILE PHONE LOCATION WITH DIGITAL DISTRIBUTED ANTENNA SYSTEMS	61/144,257	1/13/09		
100.1077		US	MULTIPLE UP/DOWN CONVERTERS-CHANNELIZED MULTIPLE UP/DOWN PATHS IN A DIGITAL-ANALOG RADIO TRANSCEIVER	13/616,135	9/14/12		
100.1077		US	SYSTEMS AND METHODS FOR IMPROVED DIGITAL RF TRANSPORT IN DISTRIBUTED ANTENNA SYSTEMS	12/686,488	1/13/10	8,270,387	9/18/12
100.1077		US	MULTIPLE UP/DOWN CONVERTERS-CHANNELIZED MULTIPLE UP/DOWN PATHS IN A DIGITAL-ANALOG RADIO TRANSCEIVER	61/144,349	1/13/09		
100.1078		US	METHOD AND SYSTEM FOR DIGITALLY EQUALIZING A SIGNAL IN A DISTRIBUTED ANTENNA SYSTEM	13/411,926	3/5/12	8,437,383	5/7/13
100.1078		US	METHOD AND SYSTEM FOR DIGITALLY EQUALIZING A SIGNAL IN A DISTRIBUTED ANTENNA SYSTEM	12/643,410	12/21/09	8,135,102	3/13/12
100.1078		US	METHOD AND SYSTEM FOR DIGITALLY EQUALIZING A SIGNAL IN A DISTRIBUTED ANTENNA SYSTEM	61/147,560	2/17/09		
100.1079		US	METHOD AND APPARATUS FOR MUTING A DIGITAL LINK IN A DISTRIBUTED ANTENNA SYSTEM	12/643,116	12/21/09	8,306,563	11/6/12
100.1079		US	METHOD AND APPARATUS FOR MUTING A DIGITAL LINK IN A DISTRIBUTED ANTENNA SYSTEM	61/148,256	1/29/09		
100.1080		US	SYSTEMS AND METHODS FOR IP COMMUNICATION OVER A DISTRIBUTED ANTENNA SYSTEM TRANSPORT	13/529,607	6/21/12		
100.1080		US	SYSTEMS AND METHODS FOR IP COMMUNICATION OVER A DISTRIBUTED ANTENNA SYSTEM TRANSPORT	12/555,912	9/9/09	8,213,401	7/3/12
100.1080		US	SYSTEMS AND METHODS FOR IP COMMUNICATION OVER A DISTRIBUTED ANTENNA SYSTEM TRANSPORT	61/144,255	1/13/09		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1085		US	DISTRIBUTED ANTENNA SYSTEM USING GIGABIT ETHERNET PHYSICAL LAYER DEVICE APPLICATION TITLE: DISTRIBUTED ANTENNA SYSTEM USING GIGABIT ETHERNET PHYSICAL LAYER DEVICE	12/372,319	2/17/09		
100.1086		US	COMPLEX OPTICAL MODULATION FOR REAL TIME COMMUNICATION	12/326,356	12/2/08		
100.1088		US	DISTRIBUTED ANTENNA SYSTEM (DAS) WITH DELAYED TRANSPORT TO PAIRED ANTENNAS	12/370,474	2/12/09		
100.1093		US	SYSTEMS AND METHODS FOR RETRACTABLE FAN COOLING OF ELECTRONIC ENCLOSURES	12/752,465	4/1/10	8,214,086	7/3/12
100.1094		US	INTEGRAL LATCH MECHANISMS FOR MOUNTING ELECTRONICS MODULES	12/796,280	6/8/10		
100.1095		US	METHOD OF INSERTING CDMA BEACON PILOTS IN OUTPUT OF DISTRIBUTED REMOTE ANTENNA NODES	12/468,122	5/19/09		
100.1105		US	FADING AND LINE OF SIGHT COMPENSATED DISTRIBUTED ANTENNA SYSTEM				
100.1106		US	AUTO CONFIGURABLE DISTRIBUTED ANTENNA SYSTEM				
100.1107		US	SYSTEM AND METHOD TO DETERMINE DATA THROUGHPUT IN A COMMUNICATION NETWORK	09/684,453	10/6/00	6,675,328	1/6/04
100.1107		US	SYSTEM AND METHOD TO DETERMINE DATA THROUGHPUT IN A COMMUNICATION NETWORK	60/158,515	10/8/99		
100.1108		US	METHOD AND SYSTEM FOR PERFORMING TIME DOMAIN REFLECTOMETRY CONTEMPORANEOUSLY WITH RECURRENT TRANSMISSIONS ON COMPUTER NETWORK	09/440,293	11/15/99	6,657,437	12/2/03
100.1108		US	METHOD AND SYSTEM FOR PERFORMING TIME DOMAIN REFLECTOMETRY CONTEMPORANEOUSLY WITH RECURRENT TRANSMISSIONS ON COMPUTER NETWORK	60/157,424	10/4/99		
100.1109		US	METHOD AND SYSTEM FOR COMPUTER NETWORK LINK WITH UNDEFINED TERMINATION CONDITION	09/401,674	9/22/99	6,324,168	11/27/01
100.1109		US	Method and system for characterizing terminations in a local area network	09/426,505	10/26/99	6,397,159	5/28/02
100.1109		US	METHOD AND SYSTEM FOR COMPUTER NETWORK LINK WITH UNDEFINED TERMINATION CONDITION	09/871,053	5/31/01	7,002,925	2/21/06

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1110		US	METHOD AND SYSTEM FOR CHARACTERIZING TERMINATIONS IN A LOCAL AREA NETWORK	08/890,486	7/9/97	6,016,464	1/18/00
100.1110		US	Method and system for node side analysis of computer network link	09/401,671	9/22/99	6,138,080	10/24/00
100.1110		US	METHOD AND SYSTEM FOR CHARACTERIZING TERMINATIONS IN A LOCAL AREA NETWORK	60/021,487	7/10/96		
100.1111		US	COMPUTER NETWORK CROSS-CONNECT PANEL PROVIDING PHYSICAL LAYER MONITORING AND METHOD THEREFOR	08/995,041	10/28/97	6,356,532	3/12/02
100.1111		US	COMPUTER NETWORK CROSS-CONNECT PANEL PROVIDING PHYSICAL LAYER MONITORING AND METHOD THEREFOR	60/029,046	10/29/96		
100.1112		US	COMPUTER NETWORK PHYSICAL-LAYER ANALYSIS METHOD AND SYSTEM	09/474,390	12/29/99	6,829,223	12/7/04
100.1112		US	COMPUTER NETWORK PHYSICAL-LAYER ANALYSIS METHOD AND SYSTEM	60/114,303	12/31/98		
100.1112		US	COMPUTER NETWORK PHYSICAL-LAYER ANALYSIS METHOD AND SYSTEM	60/114,337	12/31/98		
100.1113		US	SINGLE ENDED ATTENUATION MEASUREMENT	09/904,822	7/13/01	6,745,137	6/1/04
100.1113		US	SINGLE ENDED ATTENUATION MEASUREMENT	60/218,413	7/14/00		
100.1115		US	AGGREGATION OF PHYSICAL LAYER INFORMATION RELATED TO A NETWORK	12/705,497	2/12/10		
100.1115		US	MANAGED CONNECTIVITY SYTEMS AND METHOD	61/152,624	2/13/09		
100.1117		US	AN ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND INTERNET PROTOCOL BACKHAUL	12/367,451	2/6/09	8,279,800	10/2/12
100.1118		US	AN ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND SUPPORTING MULTIPLE-DEVICE RING FOR INCOMING CALLS	12/367,454	2/6/09	8,107,464	1/31/12
100.1119		US	ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND THE SESSION INITIATION PROTOCOL	13/588,172	8/17/12	8,644,223	2/4/14

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1119		US	AN ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND THE SESSION INITIATION PROTOCOL	12/367,458	2/6/09	8,274,929	9/25/12
100.1121		US	SELECTIVELY ASSIGNING MOBILE STATIONS TO SEGMENTED ZONES	12/547,968	8/26/09	8,098,591	1/17/12
100.1135		US	SELECTIVELY MANAGING MOBILE STATION SUBSCRIPTIONS BETWEEN FULLY USED ZONES AND SEGMENTED ZONES	12/547,987	8/26/09	8,102,807	1/24/12
100.1140		US	REMOTE UNIT ANTENNA CLUSTER				
100.1141		US	DISTRIBUTED DIGITAL REFERENCE CLOCK	13/914,838	6/11/13	8,837,659	9/16/14
100.1141		US	DISTRIBUTED DIGITAL REFERENCE CLOCK	12/845,060	7/28/10	8,472,579	6/25/13
100.1142		US	DISTINCT TRANSPORT PATH FOR MIMO TRANSMISSIONS IN DISTRIBUTED ANTENNA SYSTEMS	13/914,690	6/11/13	8,743,756	6/3/14
100.1142		US	DISTINCT TRANSPORT PATH FOR MIMO TRANSMISSIONS IN DISTRIBUTED ANTENNA SYSTEMS	13/004,998	1/12/11	8,462,683	6/11/13
100.1144		US	SWITCH-STATE INFORMATION AGGREGATION	13/157,519	6/10/11	8,874,814	10/28/14
100.1144		US	SWITCH-STATE INFORMATION AGGREGATION USING DIGITAL-TO-ANALOG CONVERSION	61/353,906	6/11/10		
100.1145		US	AUTOMATIC GAIN CONTROL CONFIGURATION FOR A WIDEBAND DISTRIBUTED ANTENNA SYSTEM	12/731,740	3/25/10	8,428,510	4/23/13
100.1147		US	Method for Synchronizing the Wavelengths of an Arrangement of Optoelectronic Components	09/355,667	11/12/98	6,219,362	4/17/01
100.1148		US	TUNABLE ELECTRO-ABSORPTION MODULATOR AND TUNABLE LASER	09/949,597	9/10/01	6,665,457	12/16/03
100.1148		US	TUNABLE ELECTRO-ABSORPTION MODULATOR AND TUNABLE LASER	10/738,630	12/16/03		
100.1149		US	METHOD OF IMPROVING SELECTIVITY IN A TUNABLE WAVEGUIDE FILTER	10/080,491	2/22/02	6,665,474	12/16/03
100.1150		US	Wavelength tunable Optoelectronic Apparatus	380,432	12/10/99	6,208,793	3/27/01
100.1151		US	Electro-Optical Material Having a Lamellar Liquid Crystal Structure	880,812	6/23/97	6,181,407	1/30/01
100.1152		US	Generator for Producing a High Frequency, Low Noise Signal	194,471	11/30/98	6,266,351	7/24/01
100.1153		US	BACKFIRE DISTRIBUTED ANTENNA SYSTEM (DAS) WITH DELAYED TRANSPORT	12/702,784	2/9/10	8,676,214	3/18/14
100.1154		US	OPTOELECTRIC MULTI-WAVELENGTH CONSTRUCTION ELEMENT	08/520,070	8/28/95	5,600,743	2/4/97

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1155		US	METHOD FOR THE OPTIMUM UTILIZATION OF BASE MATERIAL IN THE MANUFACTURE OF OPTOELECTRONIC COMPONENTS WITH VARIABLE-PERIOD GRATING	655,502	5/30/96	5,834,158	11/10/98
100.1156		US	Method for Manufacturing a Calibrated Scale in the Nanometer Range for Technical devices Used for the high Resolution of ultrahigh Resolution Imaging of Structures and Such Scale	08/795,622	2/6/97	6,231,668	5/15/01
100.1156		US	Method for Manufacturing a Calibrated Scale in the Nanometer Range for Technical devices Used for the high Resolution of ultrahigh Resolution Imaging of Structures and Such Scale	09/750,837	12/28/00		
100.1157		US	Photon Detector and Method of Manufacturing	194,311	11/24/98	6,246,055	6/12/01
100.1159		US	EXTERNAL MOUNTED AMPLIFIERS WITH ACTIVE INTERFERENCE CANCELATION USING DIVERSITY ANTENNAS	13/073,111	3/28/11	8,903,346	12/2/14
100.1161		US	INTER-NETWORKING DEVICES FOR USE WITH PHYSICAL LAYER INFORMATION	14/614,032	2/4/15		
100.1161		US	INTER-NETWORKING DEVICES FOR USE WITH PHYSICAL LAYER INFORMATION	12/705,501	2/12/10		
100.1162		US	NETWORK MANAGEMENT SYSTEMS FOR USE WITH PHYSICAL LAYER INFORMATION	14/614,039	2/4/15		
100.1162		US	NETWORK MANAGEMENT SYSTEMS FOR USE WITH PHYSICAL LAYER INFORMATION	12/705,506	2/12/10		
100.1163		US	MANAGED CONNECTIVITY DEVICES, SYSTEMS, AND METHODS	12/705,514	2/12/10		
100.1163		US	MANAGED CONNECTIVITY DEVICES, SYSTEMS, AND METHODS				
100.1169		US	DISTRIBUTED ANTENNA SYSTEM WITH COMBINATION OF BOTH ALL DIGITAL TRANSPORT AND HYBRID DIGITAL/ANALOG TRANSPORT	12/913,179	10/27/10	8,532,242	9/10/13
100.1169		US	DISTRIBUTED ANTENNA SYSTEM WITH COMBINATION OF DIGITAL TRANSPORT TO REMOTE UNITS AND HYBRID DIGITAL AND ANALOG TRANSPORT (AKA BI-HYBRID)				
100.1170		US	SYSTEMS AND METHODS FOR THERMAL MANAGEMENT FOR TELECOMMUNICATIONS ENCLOSURES USING HEAT PIPES	13/941,738	7/15/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1170		US	SYSTEMS AND METHODS FOR THERMAL MANAGEMENT FOR TELECOMMUNICATIONS ENCLOSURES USING HEAT PIPES	13/026,484	2/14/11	8,488,312	7/16/13
100.1172		US	SYSTEMS AND METHODS FOR DISTRIBUTED ANTENNA SYSTEM REVERSE PATH SUMMATION USING SIGNAL-TO-NOISE RATIO OPTIMIZATION	13/887,654	5/16/13	8,626,245	1/7/14
100.1172		US	SYSTEMS AND METHODS FOR DISTRIBUTED ANTENNA SYSTEM REVERSE PATH SUMMATION USING SIGNAL-TO-NOISE RATIO OPTIMIZATION	12/814,896	6/14/10	8,509,850	8/13/13
100.1173		US	SEMICONDUCTOR DEVICES WITH IMPROVED HEAT DISSIPATION AND METHOD FOR FABRICATING SAME	10/217,089	8/12/02	7,692,289	4/6/10
100.1174		US	DISTRIBUTED ANTENNA SYSTEM USING TIME DIVISION DUPLEXING SCHEME	13/283,912	10/28/11	8,693,342	4/8/14
100.1174		US	DISTRIBUTED ANTENNA SYSTEM USING TIME DIVISION DUPLEXING SCHEME	14/244,594	4/3/14		
100.1176		US	DOUBLE-BUFFER INSERTION COUNT STORED IN A DEVICE ATTACHED TO A PHYSICAL LAYER MEDIUM	13/426,821	3/22/12		
100.1176		US	DOUBLE-BUFFER INSERTION COUNT STORED IN A DEVICE ATTACHED TO A PHYSICAL LAYER MEDIUM	61/467,715	3/25/11		
100.1177		US	DYNAMICALLY DETECTING A DEFECTIVE CONNECTOR AT A PORT	13/426,805	3/22/12	8,832,503	9/9/14
100.1177		US	DYNAMICALLY DETECTING A DEFECTIVE CONNECTOR AT A PORT	61/467,725	3/25/11		
100.1178		US	IDENTIFIER ENCODING SCHEME FOR USE WITH MULTI-PATH CONNECTORS	13/426,794	3/22/12		
100.1178		US	IDENTIFIER ENCODING SCHEME FOR USE WITH MULTI-PATH CONNECTORS	61/467,729	3/25/11		
100.1179		US	SYSTEMS AND METHODS FOR UTILIZING VARIABLE LENGTH DATA FIELD STORAGE SCHEMES ON PHYSICAL COMMUNICATION MEDIA SEGMENTS	13/426,777	3/22/12		
100.1179		US	SYSTEMS AND METHODS FOR UTILIZING VARIABLE LENGTH DATA FIELD STORAGE SCHEMES ON PHYSICAL COMMUNICATION MEDIA SEGMENTS	61/467,736	3/25/11		
100.1181		US	EVENT-MONITORING IN A SYSTEM FOR AUTOMATICALLY OBTAINING AND MANAGING PHYSICAL LAYER INFORMATION USING A RELIABLE PACKET-BASED COMMUNICATION PROTOCOL	13/426,764	3/22/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1181		US	EVENT-MONITORING IN A SYSTEM FOR AUTOMATICALLY OBTAINING AND MANAGING PHYSICAL LAYER INFORMATION USING A RELIABLE PACKET-BASED COMMUNICATION PROTOCOL	61/467,743	3/25/11		
100.1184		US	SYSTEMS AND METHODS FOR A WORK FLOW MANAGEMENT APPLICATION SUITE FOR MOBILE COMMUNICATIONS DEVICES	13/248,413	9/29/11		
100.1184		US	SYSTEMS AND METHODS FOR A WORK FLOW MANAGEMENT APPLICATION SUITE FOR MOBILE COMMUNICATIONS DEVICES	61/388,135	9/30/10		
100.1186		US	END-TO-END DELAY MANAGEMENT FOR DISTRIBUTED COMMUNICATIONS NETWORKS	13/165,294	6/21/11	8,743,718	6/3/14
100.1190		US	DISTRIBUTED ANTENNA SYSTEM WITH DYNAMIC CAPACITY ALLOCATION	14/534,810	11/6/14		
100.1194		US	INTEGRATION OF INFORMATION RELATING TO WIRELESS COMPONENTS, DEVICES, SYSTEMS, AND/OR NETWORKS WITH PHYSICAL LAYER INFORMATION RELATING TO WIRED COMMUNICATION MEDIA, COMPONENTS, DEVICES, SYSTEMS, AND/OR NETWORKS	14/568,240	12/12/14		
100.1194		US	INTEGRATION OF INFORMATION RELATING TO WIRELESS COMPONENTS, DEVICES, SYSTEMS, AND/OR NETWORKS WITH PHYSICAL LAYER INFORMATION RELATING TO WIRED COMMUNICATION MEDIA, COMPONENTS, DEVICES, SYSTEMS, AND/OR NETWORKS	13/492,283	6/8/12	8,942,722	1/27/15
100.1194		US	INTEGRATION OF INFORMATION RELATING TO WIRELESS COMPONENTS, DEVICES, SYSTEMS, AND/OR NETWORKS WITH PHYSICAL LAYER INFORMATION RELATING TO WIRED COMMUNICATION MEDIA, COMPONENTS, DEVICES, SYSTEMS, AND/OR NETWORKS	61/495,245	6/9/11		
100.1195		US	ANTENNA MODULE HAVING INTEGRATED RADIO FREQUENCY CIRCUITRY	13/492,339	6/8/12		
100.1195		US	ANTENNA MODULE HAVING INTEGRATED RADIO FREQUENCY CIRCUITRY	61/495,235	6/9/11		
100.1196		US	DISTRIBUTED ANTENNA SYSTEM ARCHITECTURES	13/495,220	6/13/12		
100.1196		US	DISTRIBUTED ANTENNA SYSTEM ARCHITECTURES	61/496,548	6/13/11		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1197		US	EVOLVED DISTRIBUTED ANTENNA SYSTEM	13/538,170	6/29/12	8,929,288	1/6/15
100.1197		US	EVOLVED DISTRIBUTED ANTENNA SYSTEM	14/554,531	11/26/14		
100.1197		US	EVOLVED DISTRIBUTED ANTENNA SYSTEM	61/502,556	6/29/11		
100.1202		US	SYSTEMS AND METHODS FOR LOCATION DETERMINATION	14/037,773	9/26/13		
100.1203		US	SYSTEMS AND METHODS FOR USING ACTIVE OPTICAL CABLE SEGMENTS	13/707,908	12/7/12		
100.1203		US	SYSTEMS AND METHODS FOR USING ACTIVE OPTICAL CABLE SEGMENTS	61/567,755	12/7/11		
100.1204		US	SECURE PHYSICAL LAYER MANAGEMENT	13/937,304	7/11/13		
100.1204		US	SECURE PHYSICAL LAYER MANAGEMENT	61/670,237	7/11/12		
100.1205		US	PHYSICAL LAYER MANAGEMENT AT A WALL PLATE DEVICE	13/937,314	7/9/13		
100.1205		US	PHYSICAL LAYER MANAGEMENT AT A WALL PLATE DEVICE	61/670,300	7/11/12		
100.1206		US	ASSET TRACKING METHODS FOR ELECTRICAL WALL OUTLETS				
100.1207		US	INTELLIGENT FIBER CABLE MANAGEMENT USER APPLICATION	13/683,866	11/21/12		
100.1207		US	INTELLIGENT FIBER CABLE MANAGEMENT USER APPLICATION	61/562,444	11/22/11		
100.1208		US	SYSTEMS AND METHODS FOR ADJUSTING SYSTEM TESTS BASED ON DETECTED INTERFERENCE	13/433,407	3/29/12	8,744,390	6/3/14
100.1209		US	SYSTEMS AND METHODS FOR A SELF-OPTIMIZING DISTRIBUTED ANTENNA SYSTEM	13/554,307	7/20/12		
100.1212		US	DIRECTION FINDING DAS RAU				
100.1217		US	DISTRIBUTED ANTENNA SYSTEM WITH UPLINK BANDWIDTH FOR SIGNAL ANALYSIS	13/681,631	11/20/12		
100.1221		US	SYSTEMS AND METHODS FOR IMPLEMENTING A DISTRIBUTED ANTENNA SYSTEM IN A RADIO FREQUENCY INTEGRATED CIRCUIT	13/430,863	3/27/12	8,699,982	4/15/14
100.1223		US	TIMING ADJUSTMENTS FOR SMALL CELL DISTRIBUTED ANTENNA SYSTEMS	13/765,848	2/13/13		
100.1223		US	TIMING ADJUSTMENTS FOR SMALL CELL DISTRIBUTED ANTENNA SYSTEMS	61/598,668	2/14/12		
100.1239		US	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE	13/926,378	6/25/13		
100.1239		US	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE	61/663,907	6/25/12		
100.1242		US	DISTRIBUTED ANTENNA SYSTEM WITH MANAGED CONNECTIVITY	13/939,392	7/11/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1242		US	DISTRIBUTED ANTENNA SYSTEM WITH MANAGED CONNECTIVITY	61/670,482	7/11/12		
100.1243		US	HETEROGENEOUS PHYSICAL LAYER MANAGEMENT SYSTEM	13/939,805	7/11/13		
100.1243		US	HETEROGENEOUS PHYSICAL LAYER MANAGEMENT SYSTEM	61/670,515	7/11/12		
100.1245		US	ACTIVE INTEGRATION PANEL	13/777,275	2/26/13		
100.1245		US	ACTIVE INTEGRATION PANEL	61/674,067	7/20/12		
100.1246		US	MULTI-TIERED SUBSCRIBER ALLOCATION OPTIMIZED RADIO ACCESS COMMUNICATIONS SYSTEM INTEGRATING MULTIPLE RADIO ACCESS TECHNOLOGIES				
100.1247		US	DETERMINING NETWORK PACKET FLOW AND ROUTING USING CPID AND MANAGED CONNECTIVITY				
100.1248		US	INTEGRATED ANALOG AND DIGITAL DISTRIBUTED ANTENNA SYSTEM (DAS) UTILIZING AN ALL FIBER OPTIC NETWORK	14/726,068	5/29/15		
100.1248		US	INTEGRATED ANALOG AND DIGITAL DISTRIBUTED ANTENNA SYSTEM (DAS) UTILIZING AN ALL FIBER OPTIC NETWORK	62/005,426	5/30/14		
100.1249		US	FLEXIBLE, RECONFIGURABLE MULTIPOINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT ARCHITECTURE	14/090,129	11/26/13		
100.1249		US	FLEXIBLE, RECONFIGURABLE MULTIPOINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT ARCHITECTURE	61/729,786	11/26/12		
100.1250		US	TIMESLOT MAPPING AND/OR AGGREGATION ELEMENT FOR DIGITAL RADIO FREQUENCY TRANSPORT ARCHITECTURE	14/090,135	11/26/13		
100.1250		US	TIMESLOT MAPPING AND/OR AGGREGATION ELEMENT FOR DIGITAL RADIO FREQUENCY TRANSPORT ARCHITECTURE	61/729,789	11/26/12		
100.1251		US	FORWARD-PATH DIGITAL SUMMATION IN DIGITAL RADIO FREQUENCY TRANSPORT	14/090,139	11/26/13		
100.1251		US	FORWARD-PATH DIGITAL SUMMATION IN DIGITAL RADIO FREQUENCY TRANSPORT	61/729,792	11/26/12		
100.1254		US	ENHANCED ROUTE TRACING	14/443,047	5/14/15		
100.1254		US	ENHANCED ROUTE TRACING	61/818,205	5/1/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1256		US	MASTER REFERENCE FOR MULTIPLE BASE BAND UNITS SOURCED FROM UNIVERSAL REMOTE RADIO HEAD	14/187,115	2/21/14		
100.1256		US	MASTER REFERENCE FOR MULTIPLE BASE BAND UNITS SOURCED FROM UNIVERSAL REMOTE RADIO HEAD	61/767,968	2/22/13		
100.1257		US	UNIVERSAL REMOTE RADIO HEAD	14/187,135	2/21/14		
100.1257		US	UNIVERSAL REMOTE RADIO HEAD	61/768,038	2/22/13		
100.1259		US	DIGITAL DISTRIBUTED ANTENNA SYSTEMS AND METHODS FOR ADVANCED CELLULAR COMMUNICATION PROTOCOLS	14/663,884	3/20/15		
100.1259		US	DIGITAL DISTRIBUTED ANTENNA SYSTEMS AND METHODS FOR ADVANCED CELLULAR COMMUNICATION PROTOCOLS	61/968,697	3/21/14		
100.1260		US	SYSTEMS AND METHODS FOR ASSOCIATING LOCATION INFORMATION WITH A COMMUNICATION SUB-ASSEMBLY HOUSED WITHIN A COMMUNICATION ASSEMBLY	14/138,624	12/23/13		
100.1260		US	SYSTEMS AND METHODS FOR ASSOCIATING LOCATION INFORMATION WITH A COMMUNICATION SUB-ASSEMBLY HOUSED WITHIN A COMMUNICATION ASSEMBLY	61/760,816	2/5/13		
100.1264		US	GAIN CONTROL IN CHANNELIZED TO BROADBAND CONVERSION IN DISTRIBUTED ANTENNA SYSTEM				
100.1265		US	DISTRIBUTED BASE STATION SYSTEM CHANNELIZED TO BROADBAND CONVERSION GAIN CONTROL				
100.1266		US	ANALOG DAS WITH RADIO FREQUENCY AND CHANNELIZED SIGNAL INPUTS				
100.1270		US	SYSTEMS AND METHODS FOR DETECTING COMPONENT ROTATION WITHIN A COMMUNICATION ASSEMBLY	14/285,835	5/22/14		
100.1270		US	SYSTEMS AND METHODS FOR DETECTING COMPONENT ROTATION WITHIN A COMMUNICATION ASSEMBLY	61/857,850	7/24/13		
100.1274		US	ANTENNA DETECTION WITH NON-VOLATILE MEMORY POWERED BY DC OVER COAXIAL CABLE	14/244,037	4/3/14		
100.1274		US	ANTENNA DETECTION WITH NON-VOLATILE MEMORY POWERED BY DC OVER COAXIAL CABLE	61/893,443	10/21/13		
100.1275		US	INFERRING PHYSICAL LAYER CONNECTION STATUS OF GENERIC CABLES FROM PLANNED SINGLE-END CONNECTION EVENTS	14/458,974	8/13/14		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1275		US	INFERRING PHYSICAL LAYER CONNECTION STATUS OF GENERIC CABLES FROM PLANNED SINGLE-END CONNECTION EVENTS	61/865,709	8/14/13		
100.1276		US	INFERRING PHYSICAL LAYER CONNECTION STATUS AND CABLE INFORMATION OF MANAGED CABLES FROM PLANNED SINGLE-END IDENTIFIER-BASED EVENTS	61/865,708	8/14/13		
100.1280		US	PLUGGABLE ACTIVE OPTICAL MODULE WITH MANAGED CONNECTIVITY SUPPORT AND SIMULATED MEMORY TABLE	14/494,256	9/23/14		
100.1280		US	PLUGGABLE ACTIVE OPTICAL MODULE WITH MANAGED CONNECTIVITY SUPPORT AND SIMULATED MEMORY TABLE	61/881,706	9/24/13		
100.1281		US	PHYSICAL LAYER MANAGEMENT SYSTEM WITH SUPPORT FOR MULTIPLE ACTIVE WORK ORDERS AND/OR MULTIPLE ACTIVE TECHNICIANS	14/477,231	9/4/14		
100.1281		US	PHYSICAL LAYER MANAGEMENT SYSTEM WITH SUPPORT FOR MULTIPLE ACTIVE WORK ORDERS AND/OR MULTIPLE ACTIVE TECHNICIANS	61/873,610	9/4/13		
100.1282		US	CAPTURING INFORMATION ABOUT A CONNECTION MADE AT A DEVICE USING AN IMAGE DISPLAYED ON A PORTABLE DEVICE	61/873,563	9/4/13		
100.1283		US	SYSTEMS AND METHODS FOR DELAY MANAGEMENT IN DISTRIBUTED ANTENNA SYSTEM WITH DIRECT DIGITAL INTERFACE TO BASE STATION	14/506,370	10/3/14		
100.1283		US	SYSTEMS AND METHODS FOR DELAY MANAGEMENT IN DISTRIBUTED ANTENNA SYSTEM WITH DIRECT DIGITAL INTERFACE TO BASE STATION	61/887,748	10/7/13		
100.1284		US	SYSTEMS AND METHODS FOR NOISE FLOOR OPTIMIZATION IN DISTRIBUTED ANTENNA SYSTEM WITH DIRECT DIGITAL INTERFACE TO BASE STATION	14/506,145	10/3/14		
100.1284		US	SYSTEMS AND METHODS FOR NOISE FLOOR OPTIMIZATION IN DISTRIBUTED ANTENNA SYSTEM WITH DIRECT DIGITAL INTERFACE TO BASE STATION	61/887,703	10/7/13		
100.1285		US	SYSTEMS AND METHODS FOR INTEGRATING ASYNCHRONOUS SIGNALS IN DISTRIBUTED ANTENNA SYSTEM WITH DIRECT DIGITAL INTERFACE TO BASE STATION	14/506,441	10/3/14		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1285		US	SYSTEMS AND METHODS FOR INTEGRATING ASYNCHRONOUS SIGNALS IN DISTRIBUTED ANTENNA SYSTEM WITH DIRECT DIGITAL INTERFACE TO BASE STATION	61/887,711	10/7/13		
100.1286		US	SIMULTANEOUS FIRMWARE UPGRADE FOR PHYSICAL LAYER MANAGEMENT SYSTEM	61/912,859	12/6/13		
100.1292		US	SYSTEMS AND METHODS FOR CAPACITY MANAGEMENT FOR A DISTRIBUTED ANTENNA SYSTEM	14/557,771	12/2/14		
100.1292		US	SYSTEMS AND METHODS FOR CAPACITY MANAGEMENT FOR A DISTRIBUTED ANTENNA SYSTEM	61/920,342	12/23/13		
100.1293		US	REMOTE ELECTRONIC PHYSICAL LAYER ACCESS CONTROL USING AN AUTOMATED INFRASTRUCTURE MANAGEMENT SYSTEM	61/923,285	1/3/14		
100.1296		US	LOGICAL-TO-PHYSICAL PORT MAPPING IN A PHYSICAL LAYER MANAGEMENT SYSTEM				
100.1297		US	LOCALLY CACHING INFORMATION RELATED TO PORTS IN A HIGH-DENSITY CHASSIS				
100.1298		US	INTEGRATING CONNECTION POINT IDENTIFIER (CPID) INFORMATION CAPTURED AT PORTS OF DEVICES MANUFACTURED BY DIFFERENT VENDORS				
100.1299		US	TIME OF ARRIVAL INFORMATION PASSING IN A DISTRIBUTED ANTENNA SYSTEM	62/066,076	10/20/14		
100.1300		US	DISTRIBUTED ANTENNA SYSTEM WITH ADAPTIVE ALLOCATION BETWEEN DIGITIZED RF DATA AND IP FORMATTED DATA	14/814,134	7/30/15		
100.1300		US	DISTRIBUTED ANTENNA SYSTEM WITH ADAPTIVE ALLOCATION BETWEEN DIGITIZED RF DATA AND IP FORMATTED DATA	62/040,840	8/22/14		
100.1301		US	LICENSED RADIO FREQUENCY SPECTRUM ACTIVE ANTENNA UNIT INSTALLATIN PROCEDURE USING EXISTING WI-FI MESH NETWORK FOR DETERMINING LOCATION FOR ACTIVE ANTENNA UNIT				
100.1302		US	DISTRIBUTED ANTENNA SYSTEM TO TRANSPORT FIRST CELLULAR RF BAND CONCURRENTLY WITH ETHERNET OR SECOND CELLULAR RF BAND	14/814,164	7/30/15		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1302		US	DISTRIBUTED ANTENNA SYSTEM TO TRANSPORT FIRST CELLULAR RF BAND CONCURRENTLY WITH ETHERNET OR SECOND CELLULAR RF BAND	62/040,853	8/22/14		
100.1304		US	REDUCTION OF BIT RATE TRANSPORTED THROUGH DISTRIBUTED ANTENNA SYSTEMS	14/737,179	6/11/15		
100.1304		US	REDUCTION OF BIT RATE TRANSPORTED THROUGH DISTRIBUTED ANTENNA SYSTEMS	62/010,938	6/11/14		
100.1306		US	SYSTEMS AND METHODS FOR PORT MAPPING	62/065,422	10/17/14		
100.1308		US	CONNECTORS WITH INSERTION COUNTERS	62/058,897	10/2/14		
100.1308		US	CONNECTORS WITH INSERTION COUNTERS	14/685,226	4/13/15		
100.1311		US	DAS MANAGEMENT BY RADIO ACCESS NETWORK NODE	62/133,853	3/16/15		
100.1311		US	DAS MANAGEMENT BY RADIO ACCESS NETWORK NODE	62/133,853	3/16/15		
100.1314		US	TECHNIQUE FOR DIGITALLY IMPROVING SINGLE BRANCH RECEIVE UPLINK PERFORMANCE	62/112,523	2/5/15		
100.1317		US	METHOD TO CONNECT A CONTROLLED DEVICE TO ONE OF SEVERAL CONTROLLERS USING A COMMON CHANNEL				
100.1318		US	BUILT-IN CHANNEL SOUNDER FEATURE FOR "DIGITAL RF-OVER FIBER" RELATIVE DELAY ESTIMATION IN SIMULCAST CONFIGURATION				
100.1320		US	PHYSICAL LAYER MANAGEMENT CONFIGURED ACTIVE OPTICAL MODULE WITH NATIVE AND NON-NATIVE NETWORK ELEMENT SUPPORT	62/167,421	5/28/15		
100.132		US	BITRATE EFFICIENT TRANSPORT THROUGH DISTRIBUTED ANTENNA SYSTEMS	14/737,230	6/11/15		
100.1322		US	OPTICAL CONNECTIVITY MAPPING USING EMBEDDED OPTOELECTRONICS AND MICROCONTROLLERS				
100.1323		US	LICENSED RF SPECTRUM ARBITRAGE				
482.0007		US	MODULAR ANTENNA DRIVER INCLUDING REMOVABLE MODULES EACH CHARACTERISTIC OF A HANDSET TYPE	158,256	11/29/93	5,701,579	12/23/97
500.0112		US	DVM/ISDN TERMINAL ADAPTER	06/899,508	8/22/86		
500.0131		US	T CARRIER DUAL RAIL TO SINGLE RAIL ENCODER (File never transferred)	07/196,500	5/20/88		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
500.0446		US	MICROCELLULAR COMMUNICATIONS SYSTEM WITH WIDEBAND DIGITAL CARRIER WIDEBAND	07/946,402	9/17/92		
500.0448		US	MICROCELLULAR COMMUNICATIONS SYSTEM WITH CENTRALIZED ALL DIGITAL BASE STATIONS AND DISTRIBUTED ANTENNA UNITS	07/946,964	9/17/92		
500.0449		US	STAGED DEPLOYMENT OF A MICROCELLULAR COMMUNICATIONS SYSTEM	07/946,931	9/17/92		
500.0588		US	WIDE BAND CELLULAR OPTICAL MULTIPLEXING SYSTEM	60/010,430	2/1/96		
500.0604		US	SYSTEM FOR RANGING IN A MODEM	60/010,503	1/24/96		
500.0605		US	A HIGH SPEED MODEM SYSTEM	60/010,506	1/24/96		
500.0606		US	MODEM EQUALIZER SYSTEM	60/010,499	1/24/96		
500.0607		US	SYSTEM FOR MODEM SYNCHRONIZATION	60/010,505	1/24/96		
500.0608		US	SYSTEM FOR IMPULSE NOISE AND ERROR CORRECTION IN A MODEM	60/010,502	1/24/96		
500.0609		US	SYSTEM FOR A HIGH SPEED MODEM	60/010,501	1/24/96		
500.0610		US	MODEM SYSTEM	60/010,497	1/24/96		
500.0630		US	TUNABLE FILTER WITH Q-MULTIPLICATION	08/732,868	10/15/96		
500.0790		US	NETWORK RECORDS IMPLEMENTATION PACKAGE AND PROCESS	09/643,290	8/7/00		
500.0804		US	SEMICONDUCTOR LASER WITH A TAPERED RIDGE	10/020,644	12/14/01	6,898,227	5/25/05
500.0806		US	THREE CAVITY STABILIZED LASER SYSTEM	09/960,242	9/21/01	6,778,583	8/17/04
500.0814		US	BALANCE MANAGEMENT FOR PREPAID SERVICES	60/323,896	9/20/01		
500.0815		US	SEMICONDUCTOR LASER WITH GAIN WAVEGUIDE LAYER PROVIDING TRANSVERSAL AND LONGITUDINAL MODE STABILITY	10/128,538	4/23/02	6,810,058	10/26/04
500.0820		US	SYSTEMS AND METHODS FOR MAINTAINING AND DISTRIBUTING A COMMERCE CATALOGUE	60/417,972	10/10/02		
500.0821		US	PROXY DATABASE FOR ELEMENT MANAGEMENT SYSTEM OF TELEPHONE SWITCHING NETWORK	09/366,238	8/3/99	6,512,824	1/28/03
500.0821		US	PROXY DATABASE FOR ELEMENT MANAGEMENT SYSTEM OF TELEPHONE SWITCHING NETWORK	10/349,014	1/21/03	6,775,376	8/10/04
500.0821		US	PROXY DATABASE FOR ELEMENT MANAGEMENT SYSTEM OF TELEPHONE SWITHCING NETWORK	60/096,100	8/10/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
500.0822		US	DATA EXCHANGE SYSTEM AND METHOD	09/060,667	4/15/98	6,453,356	9/17/02
500.0822		US	VISUAL DATA INTEGRATION SYSTEM AND METHOD	09/093,162	6/8/98	6,208,345	3/27/01
966.0035		US	OPTICAL STAR-COUPLERS AND METHODS FOR MAKING SAME	07/281,114			
966.0049		US	METHOD AND APPARATUS FOR CONNECTING TERMINAL EQUIPMENT TO A RING NETWORK VIA OPTICAL FIBERS	07/420,962	10/13/89		
966.0052		US	METHOD AND APPARATUS FOR MULTIPLEXING SIGNALS				
966.0060		US	METHOD AND APPARATUS FOR SIMULTANEOUSLY COMMUNICATING A PLURALITY OF SIGNALS	07/892,678	6/4/92		
966.0061		US	METHOD AND APPARATUS FOR SIMULTANEOUSLY COMMUNICATING A PLURALITY OF SIGNALS	08/095,803	7/21/93		
966.0063		US	METHOD AND APPARATUS FOR SIMULTANEOUSLY COMMUNICATING A PLURALITY OF SIGNALS	08/215,872	3/21/94		
1010.8071		US	BIREFRINGENT INTERLEAVER FOR WDM FIBER OPTIC COMMUNICATIONS	09/694,150	10/23/00		
1010.8074		US	METHOD AND APPARATUS FOR ADJUSTING AN OPTICAL ELEMENT TO ACHIEVE A PRECISE LENGTH	09/694,691	10/23/00	6,704,143	3/9/04
1010.8075		US	METHOD AND APPARATUS FOR THERMALLY COMPENSATING A BIREFINGENT OPTICAL ELEMENT	09/694,148	10/23/00		
1010.8077		US	GRATING-BASED MUX/DMUX WITH EXPANDED WAVEGUIDES	10/010,816	11/13/01		
1010.8079		US	LIGHT FREQUENCY STABILIZER	10/014,218	10/22/01		
1010.8080		US	ECHELLE GRATING INTERLEAVER	10/010,647	11/13/01		
1010.8083		US	APPARATUS AND METHOD FOR CONTROLLING THE OPERATING WAVELENGTH OF A LASER DIODE	09/871,230	5/31/01		
1010.8083		US	APPARATUS AND METHOD FOR CONTROLLING THE OPERATING WAVELENGTH OF A LASER DIODE	10/189,030	7/2/02		
1010.8100		US	ALIGNMENT SCHEME FOR COLLIMATOR SUBASSEMBLIES	10/138,169	5/1/02		
1010.8100		US	ALIGNMENT OF COLLIMATOR SUB-ASSEMBLIES	10/945,555	9/20/04		
1010.8131		US	METHOD FOR CHARACTERIZING TUNABLE LASERS	10/666,850	9/18/03		
1010.8131		US	METHOD FOR CHARACTERIZING TUNABLE LASERS	60/411,858	9/18/02		
1010.8142		US	MINIATURE LASER PACKAGE WITH FLOATING STAGE	10/657,804	9/8/03		
1010.8142		US	MINIATURE LASER PACKAGE WITH FLOATING STAGE	60/410,970	9/16/02		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
1010.8144		US	MODULE ASSEMBLY FOR FIBER OPTIC ISOLATOR	10/656,919	9/5/03		
1010.8144		US	MODULE ASSEMBLY FOR FIBER OPTIC ISOLATOR	60/410,971	9/16/02		
1010.8382		US	ARTICLE AND METHOD FOR SELECTIVE HYDROGEN LOADING OF OPTICAL FIBERS	10/656,932	9/5/03		
1010.8382		US	ARTICLE AND METHOD FOR SELECTIVE HYDROGEN LOADING OF OPTICAL FIBERS	60/408,745	9/6/02		
1225		US	EQUIPMENT MOUNTING RACKS AND CABINETS	688,103	10/13/00	6,561,602	5/13/03
1225		US	EQUIPMENT MOUNTING RACKS AND CABINETS	09/103,347	6/23/98	6,527,351	3/4/03
1227		US	FIBER MANAGEMENT DRAWER - INTERLOCKING CHASSIS				
1228		US	VERTICAL AXIS ROLLER CONTROLLED RADIUS LIMITER MOVEMENT				
1266		US	DUAL DROP-IN PLATE FIBER MANAGER DRAWER				
1267		US	SPRING LATCH, DRAWER DROP-IN PLATE				
1585		US	EMI FIBER OPTIC CONNECTORS & ADAPTERS MOLDED FROM CONDUCTIVE PLASTIC				
1587		US	SIX POINT CONTACT FIBER OPTIC ADAPTER SLEEVE				
1592		US	CONNECTOR SUPPORTER				
1622		US	ATTENUATOR/EQUALIZER PAD GUIDE (DOUBLES AS A WAVEGUIDE/CHOKE)				
1666		US	SNAP FIT JUNCTION MOUNTING SYSTEM				
1676		US	HIGH DENSITY PANEL WITH PIVOTING CABLE CLAMP				
1841		US	METHOD OF KEEPING OPTICAL CONNECTOR ENDFACE CLEAN				
1955		US	STAIR STEP/STAGGER PANEL				
2316.0009		US	LINE DRIVER AND RECEIVER APPARATUS	790,320	10/23/85		
2316.0014		US	ELECTRICAL JACK FRAME	646,237	8/31/84		
2316.0014		US	ELECTRICAL JACK FRAME	888,815	7/22/86		
2316.0015		US	ELECTRICAL CONNECTOR MODULE	321,107	11/13/81		
2316.0015		US	ELECTRICAL CONNECTOR MODULE	650,252	9/13/84	4,662,699	5/5/87
2316.0019		US	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSING	637,146	8/2/84		
2316.0022		US	MULTIGUAGE-MULTIWIRE INSULATION DISPLACEMENT TERMINAL	789,482	10/21/85		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0024		US	ELECTRICAL JACK	597,244	4/5/84	4,548,447	10/22/85
2316.0038		US	ELECTRICAL JACK FRAME	06/127,769	8/6/80	4,368,941	1/18/83
2316.0041		US	ELECTRICAL CONNECTOR APPARATUS	668,754	11/6/84	4,628,159	12/9/86
2316.0041		US	ELECTRICAL CONNECTOR APPARATUS	08/133,738	10/7/93		
2316.0044		US	ELECTRONIC HAND HELD TAPE LABELER	679,924	12/10/84	4,623,418	11/18/86
2316.0051		US	MODULAR DISTRIBUTION FRAME	664,990	10/26/84		
2316.0054		US	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSINGS	637,146	8/2/84		
2316.0054		US	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSINGS	658,268	10/5/84		
2316.0054		US	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSINGS	891,406	7/28/86	4,688,872	8/25/87
2316.0055		US	ELECTRICAL CONNECTOR APPARATUS	669,092	11/6/84	4,609,242	9/2/86
2316.0056		US	ELECTRICAL CONNECTOR APPARATUS	668,752	11/6/84	4,759,729	7/26/88
2316.0058		US	FIBER OPTIC MULTIPLEXER	675,724	11/28/84	4,675,861	6/23/87
2316.0061		US	LAMP RECEIVING APPARATUS	764,948	8/12/85	4,753,609	6/28/88
2316.0061		US	METHOD OF MANUFACTURING A LIGHT SOCKET	07/125,555	11/25/87	4,870,753	10/3/89
2316.0068		US	ELECTRICAL CONNECTOR AND METHOD	705,902	2/26/85	4,624,521	11/25/86
2316.0074		US	MODULAR INTERCONNECT BLOCK WITH PROTECTOR STRUCTURE	707,610	3/4/85	4,729,064	3/1/88
2316.0079		US	ELECTRICAL CONNECTOR APPARATUS	936,181	12/1/86	4,710,138	12/1/87
2316.0082		US	MODULAR DISTRIBUTION FRAME WITH PROTECTOR STRUCTURE	740,804	8/6/84		
2316.0093		US	OPTICAL FIBER DISTRIBUTION APPARATUS	776,822	9/17/85		
2316.0094		US	DEBRIS EJECTING WIRE INSERTION TOOL	789,470	10/21/85		
2316.0095		US	JACK DEVICE	808,501	12/13/85	4,749,968	6/7/88
2316.0097		US	INSERTION TOOL TIPS	789,470	10/21/85		
2316.0097		US	INSERTION TOOL TIPS	800,998	11/22/85	4,663,838	5/12/87
2316.0098		US	STRAIN RELIEF ATTACHMENT FOR WIRE CONNECTOR ASSEMBLY	809,574	12/16/85	4,679,880	7/14/87
2316.0100		US	MULTIGAUGE-MULTIWIRE INSULATION DISPLACEMENT TERMINAL	789,482	10/21/85		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0100		US	MULTIGAUGE-MULTIWIRE INSULATION DISPLACEMENT TERMINAL	794,080	11/1/85	4,671,595	6/9/87
2316.0106		US	LOW RF EMISSION FIBER OPTIC TRANSMISSION SYSTEM	054,080	5/21/87	4,751,613	6/14/88
2316.0106		US	METHOD FOR CONTAINING RF EMISSIONS FORM A SIGNAL PROCESSING CIRCUIT	99,383	9/18/87	4,930,214	6/5/90
2316.0106		US	LOW RF EMISSION FIBER OPTIC TRANSMISSION SYSTEM	868,391	5/23/86		
2316.0106		US	LOW RF EMISSION FIBER OPTIC TRANSMISSION SYSTEM	07/398,919	8/28/89		
2316.0106		US	LOW RF EMISSION FIBER OPTIC TRANSMISSION SYSTEM	07/439,890	11/20/89		
2316.0107		US	PATCHFIELD SYSTEM INCLUDING BIFURCATED PORTS AND PATCHCORDS	898261	8/20/86		
2316.0109		US	OPTICAL FIBER DISTRIBUTION APPARATUS	821,234	3/21/86		
2316.0112		US	DATA VOICE MODEM	899508	8/22/86		
2316.0113		US	TERMINAL ASSEMBLY	830,978	2/19/86	4,685,755	8/11/87
2316.0117		US	ELECTRICAL CONNECTOR	882,530	7/7/86	4,693,537	9/15/87
2316.0118		US	WIRE DISTRIBUTION APPARATUS	864,023	5/16/86	4,747,020	5/24/88
2316.0123		US	OPTICAL FIBER DISTRIBUTION APPARATUS	776,822	9/17/85		
2316.0123		US	OPTICAL FIBER DISTRIBUTION APPARATUS	821,234	1/22/86		
2316.0123		US	OPTICAL FIBER DISTRIBUTION APPARATUS	906,804	9/12/86	4,792,203	12/20/88
2316.0125		US	TEST SHOE	156,543	2/16/88	4,901,206	2/13/90
2316.0131		US	T CARRIER BIPOLAR TO UNIPOLAR SIGNAL ENCODER AND DECODER	196,500	5/20/88		
2316.0132		US	MODULAR DISTRIBUTION FRAME INCLUDING PROTECTOR MODULES ADAPTED FOR BREAK ACCESS TESTING	740,804	6/3/85		
2316.0140		US	JACK ASSEMBLY	32,880	3/31/87		
2316.0140		US	JACK ASSEMBLY	07/243,180	9/8/88	4,840,568	6/20/89
2316.0143		US	DELAY COMPENSATED JACK	07/303,719	1/27/89		
2316.0145		US	JACK ASSEMBLY	452,597	12/19/89		
2316.0145		US	JACK ASSEMBLY	07/729,793	7/10/91	5,145,416	9/8/92
2316.0146		US	No Title	101,605	6/30/87		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0155		US	WIDE RANGE LINEAR OPTICAL FIBER DISPLACEMENT SENSOR	712,983	3/18/85		
2316.0156		US	MONOLITHIC FIBER OPTIC COUPLER HAVING TOTAL INTERNAL REFLECTING SURFACE	06/468,480	2/22/83	4,699,453	10/13/87
2316.0157		US	FIBER OPTICAL COMPONENT	444,876	11/29/82		
2316.0157		US	FIBER OPTICAL COMPONENT	06/708,559	3/6/85	5,028,110	7/2/91
2316.0163		US	BI-DIRECTIONAL OPTICAL FIBER COUPLER	444,494	11/24/82	4,611,884	9/16/86
2316.0164		US	FIVE PIN PROTECTOR MODULAR BLOCK	109,453	10/16/87		
2316.0166		US	UNITARY BODY OPTICAL COUPLER	646,004	8/30/84	4,701,010	10/20/87
2316.0172		US	OPTICAL SWITCH	191,014	5/6/88		
2316.0172		US	OPTICAL SWITCH	300,205	1/19/89		
2316.0172		US	OPTICAL SWITCH	611,323	11/13/90		
2316.0172		US	OPTICAL SWITCH	07/742,211	8/6/91	5,422,969	6/6/95
2316.0181		US	FRONT OPENING PANEL FOR HOUSING CONTAINING MONITOR AND TEST TELECOMMUNICATION EQUIPMENT	209,025	6/20/88	D308,679	6/19/90
2316.0190		US	CONTROL PANEL	07/209,024	6/20/88		
2316.0191		US	DEVICE FOR FEEDING FIBER OR CABLE THROUGH A HOUSING	208,161	6/17/88	4,912,615	3/27/90
2316.0192		US	CIRCUIT FOR REGULATING CURRENT IN A PBX LOOP	204,751	6/10/88		
2316.0192		US	CIRCUIT FOR REGULATING CURRENT IN A PBX LOOP	247,160	9/21/88		
2316.0192		US	FRONT-REAR MODULAR UNIT	07/247,151	9/21/88	5,010,450	4/23/91
2316.0192		US	HIGH FREQUENCY NOISE BYPASSING	07/247,350	9/21/88	5,027,089	6/25/91
2316.0192		US	CIRCUIT FOR REGULATING CURRENT IN A PBX LOOP	07/463,792	1/16/90	5,054,060	10/1/91
2316.0201		US	OPTIC CABLE MANAGEMENT SYSTEM	387,637	7/31/89	D321,682	11/19/91
2316.0201		US	OPTIC CABLE MANAGEMENT SYSTEM	387,648	7/31/89	D320,782	10/15/91
2316.0201		US	OPTIC CABLE MANAGEMENT SYSTEM	387,649	7/31/89	D321,863	11/26/91
2316.0201		US	GUIDING TROUGH, SQUARE-TO-ROUND ADAPTER FOR OPTICAL FIBERS	07/387,644	7/31/89	D338,444	8/17/93
2316.0201		US	OPTIC CABLE MANAGEMENT SYSTEM	07/387,645	7/31/89	D322,596	12/24/91

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0201		US	GUIDING TROUGH 45° HORIZONTAL ELBOW FOR OPTICAL FIBERS	07/387,646	7/31/89	D327,874	7/14/92
2316.0201		US	OPTIC CABLE MANAGEMENT SYSTEM	07/387,647	7/31/89	D321,862	11/26/91
2316.0201		US	OPTIC CABLE MANAGEMENT SYSTEM	07/387,707	7/31/89	D320,976	10/22/91
2316.0201		US	GUIDING TROUGH, 90° HORIZONTAL ELBOW FOR OPTICAL FIBERS	07/387,892	7/31/89	D334,380	3/30/93
2316.0201		US	OPTIC CABLE MANAGEMENT SYSTEM	07/387,978	7/31/89	5,067,678	11/26/91
2316.0202		US	OPTICAL FIBER DISTRIBUTION FRAME	07/388,060	7/31/89	4,995,688	2/26/91
2316.0202		US	OPTICAL FIBER DISTRIBUTION FRAME	08/023,112	2/26/93	RE34,955	5/30/95
2316.0202		US	OPTICAL FIBER DISTRIBUTION FRAME	08/994,591	12/19/97	RE37,489 E	1/1/02
2316.0202		US	OPTICAL FIBER DISTRIBUTION FRAME	90/004,103	1/16/96	RE34,955B1	8/13/96
2316.0204		US	DIGITAL CROSS CONNECT ASSEMBLY	389,804	8/4/89		
2316.0204		US	DIGITAL CROSS CONNECT ASSEMBLY	07/814,212	12/19/91	5,214,673	5/25/93
2316.0206		US	TRANSMISSIVE MULTIPORT STAR COUPLER ASSEMBLY AND METHOD	773,837	9/6/85		
2316.0207		US	FIBER OPTIC SENSORS FOR SIMULTANEOUSLY DETECTING DIFFERENT PARAMETERS IN A SINGLE TIP	403,125	7/29/82	4,523,092	6/11/85
2316.0208		US	FIBER OPTIC MASS SENSOR	420,361	9/20/82	4,493,212	1/15/85
2316.0209		US	OPTICAL ACCELEROMETER	502,979	6/10/83	4,567,771	2/4/86
2316.0212		US	OPTICAL FIBER STORAGE CONTAINER	07/374,008	6/29/89	5,013,121	5/7/91
2316.0215		US	HOT CUT PROCEDURE FOR TELECOMMUNICATIONS NETWORK	07/374,076	6/29/89	4,941,165	7/10/90
2316.0224		US	HIGH-DENSITY CROSS-CONNECT BAY	436,334	11/14/89		
2316.0224		US	HIGH-DENSITY CROSS-CONNECT BAY	652,298	2/5/91		
2316.0224		US	HIGH-DENSITY CROSS-CONNECT BAY	07/719,687	6/25/91	5,220,600	6/15/93
2316.0226		US	BNC-RJ CONVERSION CONNECTOR	07/854,377	3/19/92	5,240,436	8/31/93
2316.0237		US	FIBER OPTIC CONNECTOR MODULE	551,423	7/11/90		
2316.0237		US	FIBER OPTIC CONNECTOR MODULE	666,866	3/8/91		
2316.0237		US	FIBER OPTIC CONNECTOR MODULE	07/671,989	3/15/91	5,093,885	3/3/92
2316.0237		US	FIBER OPTIC CONNECTOR MODULE	07/891,679	5/28/92	5,179,618	1/12/93

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0239		US	SYSTEM FOR GRAPHICALLY REPRESENTING AND CONTROLLING REMOTE DIGITAL TELEPHONY TEST EQUIPMENT	07/355,655	5/22/89		
2316.0240		US	ICONS FOR A GRAPHICS INTERFACE TO REMOTE DIGITAL TELEPHONY TEST EQUIPMENT	07/354,934	5/22/89		
2316.0241		US	ICONS FOR A GRAPHICS INTERFACE TO DIGITAL TELEPHONY TEST EQUIPMENT	07/355,387	5/22/89		
2316.0248		US	SPLICE TRAY WITH SLACK TAKE-UP	07/580,769	9/11/90	5,066,149	11/19/91
2316.0249		US	OPTICAL SWITCH ASSEMBLY	07/467,774	1/19/90	5,031,994	7/16/91
2316.0253		US	OPTICAL SWITCH WITH REDUCED REFLECTION	07/467,748	1/19/90	5,037,176	8/6/91
2316.0266		US	METHOD FOR CONSTRUCTING OPTICAL SWITCH	467,803	1/19/90		
2316.0266		US	METHOD FOR CONSTRUCTING OPTICAL SWITCH	07/737,592	7/25/91	5,123,219	6/23/92
2316.0278		US	FAIL-SAFE PROTECTOR	748,109	8/21/91		
2316.0278		US	FAIL-SAFE PROTECTOR	811,876	12/16/91	5,187,634	2/16/93
2316.0279		US	CONNECTOR FOR OPTICAL FIBER	07/590,000	9/28/90	5,179,608	1/12/93
2316.0282		US	FIBER OPTIC SPLICE CABINET	07/552,699	7/16/90	5,208,894	5/4/93
2316.0286		US	RZ CLOCK RECOVERY CIRCUIT WITH POSITIVE-FEEDBACK	07/593,692	10/5/90	5,047,735	9/10/91
2316.0288		US	JACK ASSEMBLY	536,966	6/12/90		
2316.0288		US	JACK ASSEMBLY	07/708,083	5/24/91	5,147,992	9/15/92
2316.0293		US	CONNECTOR AND PATCH PANEL FOR DIGITAL VIDEO AND DATA	328,481	3/24/89		
2316.0293		US	CONNECTOR AND PATCH PANEL FOR DIGITAL VIDEO AND DATA	07/540,466	6/18/90	5,030,123	7/9/91
2316.0294		US	PATCH CORD LENGTH CALCULATOR	07/575,175	8/30/90	5,057,675	10/15/91
2316.0295		US	CONTROL PANEL FOR PERFORMANCE MONITOR FOR TELECOMMUNICATIONS EQUIPMENT	07/578,845	9/5/90		
2316.0296		US	CONTROL PANEL FOR SYSTEM CONTROLLER FOR TELECOMMUNICATIONS EQUIPMENT	07/578,127	9/5/90		
2316.0300		US	PLUG-IN JACK CARD FOR NORMALLY CLOSED CONTACTS	07/614,143	11/15/90	5,199,878	4/6/93
2316.0304		US	OPTICAL CABLE MANAGEMENT	90/007,219	9/22/04		
2316.0304		US	OPTICAL CABLE MANAGEMENT	678,131	4/1/91		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0304		US	OPTICAL CABLE MANAGEMENT	07/984,246	11/30/92	5,316,243	5/31/94
2316.0326		US	UNIVERSAL PATTERN GENERATOR	07/810,207	12/19/91	5,519,719	5/21/96
2316.0328		US	DISTAL DISTRIBUTION FRAME MODULE	07/608,132	11/1/90		
2316.0329		US	DISTAL DISTRIBUTION FRAME MODULE	609,527	11/5/90		
2316.0329		US	DISTAL DISTRIBUTION FRAME MODULE	07/742,180	8/2/91	5,170,327	12/8/92
2316.0330		US	EVENT REPORTING USING A TWO-WIRE NON-BLOCKING BUS STRUCTURE	07/634,758	12/27/90	5,155,480	10/13/92
2316.0342		US	OPTICAL FIBER CRIMP	07/648,491	1/31/91	5,159,655	10/27/92
2316.0342		US	OPTICAL FIBER CRIMP	07/963,419	10/19/92	5,239,604	8/24/93
2316.0347		US	THYRISTOR FAIL-SAFE	747,984	8/21/91		
2316.0348		US	METHOD AND APPARATUS FOR GENERATION OF BINARY WAVEFORM AND CORRESPONDING SIGNAL	07/718,598	6/21/91		
2316.0351		US	FIBER TROUGH COUPLING	677,881	4/1/91	D348,651	7/12/94
2316.0352		US	FIBER TROUGH COUPLING	07/677,882	4/1/91	D347,209	5/24/94
2316.0353		US	BELOW GROUND CROSS-CONNECT/SPLICE SYSTEM (BGX)	07/816,558	1/6/92	5,189,723	2/23/93
2316.0360		US	ELECTROFORMED MASK AND USE THEREFORE	07/730,734	7/16/91	5,308,656	5/3/94
2316.0362		US	DIGITAL SIGNAL CROSS-CONNECT MODULE	07/706,392	5/28/91	5,078,624	1/7/92
2316.0372		US	MINIATURE COAX JACK MODULE	859,272	4/2/92		
2316.0372		US	MINIATURE COAX JACK MODULE	08/252,067	6/1/94	5,467,062	11/14/95
2316.0381		US	OVERLAPPING FUSION ATTENUATOR	815,963	1/2/92		
2316.0381		US	OVERLAPPING FUSION ATTENUATOR	08/000,582	1/4/93		
2316.0381		US	OVERLAPPING FUSION ATTENUATOR	08/306,241	9/14/94	5,588,087	12/24/96
2316.0383		US	FIBER OPTIC CONNECTOR	07/816,743	1/2/92	5,261,019	11/9/93
2316.0383		US	FIBER OPTIC CONNECTOR	08/049,557	4/19/93	5,293,582	3/8/94
2316.0385		US	OPTICAL FIBER RETENTION MECHANISM FOR SECURING OPTICAL FIBER CABLE	07/816,105	1/2/92	5,214,732	5/25/93
2316.0392		US	METHOD FOR POLISHING OPTICAL FIBER	07/792,037	11/13/91		
2316.0393		US	VARIABLE FIBER OPTICAL ATTENUATOR	07/816,106	1/2/92	5,319,733	6/7/94

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0411		US	BRIDGING OFFICE AMPLIFIER (BOA) WITH AUTOMATIC GAIN CONTROL (AGC)	07/882,049	5/13/92		
2316.0415		US	FIBER OPTIC CONNECTOR RETAINER	07/863,811	4/6/92	5,214,735	5/25/93
2316.0417		US	ELECTRICAL CONNECTOR	854,055	3/19/92	D348,047	6/21/94
2316.0422		US	ONE-PIECE SC ADAPTER	08/065,139	5/20/93	5,317,663	5/31/94
2316.0432		US	MAKE-BEFORE-BREAK PC BOARD EDGE CONNECTOR	07/961,498	10/15/92	5,286,215	2/15/94
2316.0433		US	JACK MODULE ASSEMBLY	965,674	10/5/92		
2316.0433		US	JACK MODULE ASSEMBLY	08/275,912	7/15/94	5,413,494	5/9/95
2316.0435		US	FIBER OPTIC CLEAVING TOOL	07/956,670	10/2/92		
2316.0437		US	DSX-1 CROSS CONNECT 84 CIRCUIT	08/025,591	3/3/93		
2316.0440		US	PRINTED CIRCUIT BOARD MOUNTED JACK	08/347,879	12/1/94	5,738,546	4/14/98
2316.0443		US	FIXTURE FOR TERMINATING MINIATURE COAXIAL CABLE	07/997,692	12/28/92	5,297,339	3/29/94
2316.0444		US	FIBER OPTIC MONITOR MODULE	08/020,070	2/19/93	5,432,875	7/11/95
2316.0445		US	FIBER OPTIC CONNECTOR MODULE	08/019,615	2/19/93	5,363,465	11/8/94
2316.0451		US	OPTICAL FIBER CABINET	07/996,708	12/24/92	5,274,731	12/28/93
2316.0454		US	REAR CROSS-CONNECT DSX SYSTEM	08/085,343	6/30/93	5,393,249	2/28/95
2316.0455		US	OPTICAL FIBER CABINET	29/003,007	12/24/92	D362,255	9/12/95
2316.0458		US	PATCH CORD				
2316.0458		US	PATCH CORD	08/017,156	2/25/93	5,305,405	4/19/94
2316.0462		US	COAX CONNECTOR WITH CENTER PIN LOCKING	08/152,572	11/15/93	5,417,588	5/23/95
2316.0463		US	PATCH PANEL FOR HIGH SPEED TWISTED PAIR	08/019,008	3/3/93	5,269,708	12/14/93
2316.0464		US	HIGH RETURN LOSS FIXED ATTENUATOR	08/065,121	5/20/93	5,319,728	6/7/94
2316.0481		US	FIBER OPTIC CONNECTOR WITH VENTED FERRULE HOLDER	08/094,451	7/27/93	5,381,497	1/10/95
2316.0484		US	FIBER OPTIC SWITCH	08/243,192	5/16/94	5,463,704	10/31/95
2316.0488		US	HIGH-DENSITY FIBER DISTRIBUTION FRAME	08/180,970	1/21/94		
2316.0488		US	HIGH-DENSITY FIBER DISTRIBUTION FRAME	08/446,428	5/22/95	5,497,444	3/5/96
2316.0488		US	HIGH-DENSITY FIBER DISTRIBUTION FRAME	08/610,472	3/4/96	5,717,810	2/10/98

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0488		US	HIGH-DENSITY FIBER DISTRIBUTION FRAME	09/035,377	3/5/98	RE38,311 E	11/11/03
2316.0488		US	HIGH-DENSITY FIBER DISTRIBUTION FRAME	10/391,052	3/18/03	RE41,460	7/27/10
2316.0488		US	HIGH-DENSITY FIBER DISTRIBUTION FRAME	12/804,078	7/12/10		
2316.0488		US	HIGH-DENSITY FIBER DISTRIBUTION FRAME	12/930,087	12/27/10		
2316.0495		US	DROP AND INSERT CARD	08/372,050	1/12/95	5,582,525	12/10/96
2316.0498		US	JACK MODULE	08/141,218	10/29/93	5,348,491	9/20/94
2316.0498		US	JACK MODULE	09/175,163	10/19/98		
2316.0507		US	FIBER OPTIC POLISHING FIXTURE	08/346,003	11/29/94	5,577,149	11/19/96
2316.0539		US	VERTICAL PRINTED CIRCUIT BOARD JACK	29/031,616	12/1/94	D369,345	4/30/96
2316.0557		US	PIX-1 LBIC ALGORITHM	08/307,291	8/31/94		
2316.0558		US	JACK MODULE WITH INDUCTIVE MONITOR	08/370,162	1/9/95	5,577,924	11/26/96
2316.0561		US	FIBER OPTIC BYPASS SWITCH	250,563	9/29/88	4,946,247	8/7/90
2316.0570		US	POWER TAKEOFF INDUCTOR	08/398,991	3/6/95		
2316.0570		US	POWER TAKEOFF INDUCTOR	08/946,157	10/7/97	6,094,109	7/25/00
2316.0573		US	HIGH DENSITY FIBER MANAGEMENT	08/906,125	8/5/97	5,758,003	5/26/98
2316.0573		US	HIGH DENSITY FIBER MANAGEMENT	08/616,932	3/15/96		
2316.0576		US	SWITCHING COAX JACK WITH AMPLIFIED MONITOR	08/447,062	5/22/95		
2316.0576		US	SWITCHING COAX JACK WITH AMPLIFIED MONITOR	08/769,209	12/18/96		
2316.0577		US	BNC T-ADAPER	08/496,977	6/30/95		
2316.0580		US	NON-INVASIVE TESTING OF VIDEO SIGNALS WITH A JACK MODULE AND AMPLIFICATION CIRCUIT	08/447,261	5/22/95	5,594,347	1/14/97
2316.0629		US	ON DEMAND PLUG-IN JACK CARD AND MONITOR FRAME	08/669,808	6/27/96	5,685,741	11/11/97
2316.0646		US	COAX CONNECTOR	08/656,951	6/6/96	5,730,622	3/24/98
2316.0651		US	ON DEMAND PLUG-IN JACK CARD	29/056,334	6/27/96		
2316.0661		US	COMPRESSION COAX CONNECTOR	08/656,952	6/6/96		
2316.0680		US	ADDRESSABLE TAP WITH LIGHTNING PROTECTION CIRCUIT	08/763,628	12/4/96		
2316.0690		US	DOUBLE FERRULE SC CONNECTOR AND ADAPTER	08/720,764	10/3/96	5,692,080	11/25/97

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0690		US	DOUBLE FERRULE SC CONNECTOR AND ADAPTER	08/906,919	10/14/98	5,971,625	10/26/99
2316.0690		US	DOUBLE FERRULE SC CONNECTOR AND ADAPTER	10/032,516	10/26/01	RE40,622	1/13/09
2316.0690		US	DOUBLE FERRULE SC CONNECTOR AND ADAPTER	08/906,919	8/6/97	5,832,160	11/3/98
2316.0691		US	SWITCHING COAX JACK DEVICE	08/833,350	4/4/97	5,885,096	3/23/99
2316.0699		US	OUTSIDE PLANT CROSS-CONNECT APPARATUS	08/704,260	8/28/96	5,734,776	3/31/98
2316.0731		US	RADIO-FREQUENCY SPLITTER/COMBINER MODULE	29/063,587	12/6/96		
2316.0732		US	RADIO FREQUENCY EQUALIZER MODULE	29/063,398	12/6/96		
2316.0733		US	RADIO FREQUENCY DIRECTIONAL COUPLER MODULE	29/063,393	12/6/96		
2316.0741		US	OPTICAL FIBER FERRULE	08/785,747	1/17/97	5,734,769	3/31/98
2316.0753		US	DSX MODULE WITH REMOVABLE SWITCHING JACK	08/808,086	2/28/97	5,913,701	6/22/99
2316.0753		US	DSX MODULE WITH REMOVABLE JACK	09/226,761	1/6/99	6,328,608	12/11/01
2316.0753		US	DSX MODULE WITH REMOVABLE JACK	10/012,901	11/5/01	6,572,413	6/3/03
2316.0759		US	FIBER TROUGH COUPLING	08/818,492	3/14/97	5,752,781	5/19/98
2316.0773		US	REVERSIBLE TAP	08/818,735	3/14/97		
2316.0776		US	DIELECTRIC SPACER WITH REDUCED BACK REFLECTION	08/833,297	4/4/97		
2316.0777		US	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	08/835,116	4/4/97	5,964,607	10/12/99
2316.0786		US	FIBER CONNECTOR AND ADAPTER	13/478,350	5/23/12	8,870,466	10/28/14
2316.0786		US	FIBER CONNECTOR AND ADAPTER	14/521,226	10/22/14		
2316.0786		US	FIBER CONNECTOR AND ADAPTER	08/859,533	5/20/97	5,883,995	3/16/99
2316.0786		US	FIBER CONNECTOR AND ADAPTER	09/152,405	9/14/98	6,142,676	11/7/00
2316.0786		US	FIBER CONNECTOR AND ADAPTER	09/207,838	12/8/98	5,984,531	11/16/99
2316.0786		US	FIBER CONNECTOR AND ADAPTER	09/394,303	9/10/99	6,076,973	6/20/00
2316.0786		US	FIBER CONNECTOR AND ADAPTER	09/583,681	5/30/00	6,296,398	10/2/01
2316.0786		US	FIBER CONNECTOR AND ADAPTER	09/921,526	8/13/01	6,471,416	10/29/02
2316.0786		US	FIBER CONNECTOR AND ADAPTER	10/213,350	8/5/02	6,910,807	6/28/05
2316.0786		US	FIBER CONNECTOR AND ADAPTER	11/092,317	3/29/05	7,118,288	10/10/06

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0786		US	FIBER CONNECTOR AND ADAPTER	11/543,718	10/5/06	7,246,950	7/24/07
2316.0786		US	FIBER CONNECTOR AND ADAPTER	11/811,969	6/12/07	7,384,201	6/10/08
2316.0786		US	FIBER CONNECTOR AND ADAPTER	12/150,696	4/29/08	7,503,702	3/17/09
2316.0786		US	FIBER CONNECTOR AND ADAPTER	12/316,583	12/11/08	7,654,749	2/2/10
2316.0786		US	FIBER CONNECTOR AND ADAPTER	12/655,471	12/29/09	7,874,738	1/25/11
2316.0786		US	FIBER CONNECTOR AND ADAPTER	12/930,835	1/17/11	8,186,890	5/29/12
2316.0820		US	MULTIPLE-LINE PROTECTION FOR TELECOMMUNICATIONS NETWORK	08/898,870	7/23/97		
2316.0824		US	JACK MODULE	08/971,275	11/17/97	5,879,197	3/9/99
2316.0841		US	FIXTURE FOR USE IN POLISHING FIBER OPTIC CONNECTORS	09/400,334	9/21/99	6,396,996	5/28/02
2316.0860		US	COAXIAL SWITCHING JACK WITH IMPEDANCE MATCHING (MVJ-3)	09/049,339	3/27/98	6,045,378	4/4/00
2316.0867		US	COAX CONNECTOR BAY AND DRAWER	08/971,827	11/17/97	5,885,112	3/23/99
2316.0868		US	OPTICAL CABLE EXIT TROUGH	14/503,776	10/1/14		
2316.0868		US	OPTICAL CABLE EXIT TROUGH	08/971,421	11/17/97	5,937,131	8/10/99
2316.0868		US	OPTICAL CABLE EXIT TROUGH	09/354,594	7/16/99	6,192,181	2/20/01
2316.0868		US	OPTICAL CABLE EXIT TROUGH	09/745,299	12/20/00	6,597,854	7/22/03
2316.0868		US	OPTICAL CABLE EXIT TROUGH	10/457,749	6/9/03	6,868,220	3/15/05
2316.0868		US	OPTICAL CABLE EXIT TROUGH	10/871,641	6/18/04	6,925,242	8/2/05
2316.0868		US	OPTICAL CABLE EXIT TROUGH	11/158,287	6/21/05	7,167,625	1/23/07
2316.0868		US	OPTICAL CABLE EXIT TROUGH	11/636,373	12/7/06	8,886,004	11/11/14
2316.0868		US	OPTICAL CABLE EXIT TROUGH	12/148,880	4/22/08		
2316.0868		US	OPTICAL CABLE EXIT TROUGH	13/149,557	5/31/11	8,582,944	11/12/13
2316.0868		US	OPTICAL CABLE EXIT TROUGH	13/149,590	5/31/11	8,768,135	7/1/14
2316.0868		US	OPTICAL CABLE EXIT TROUGH	90/009,323	11/6/08		
2316.0868		US	OPTICAL CABLE EXIT TROUGH	95/000,411	11/6/08		
2316.0868		US	OPTICAL CABLE EXIT TROUGH	95/000,412	11/6/08		
2316.0868		US	OPTICAL CABLE EXIT TROUGH	95/000,413	12/2/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0868		US	OPTICAL CABLE EXIT TROUGH	95/000,415	11/6/08		
2316.0869		US	OPTICAL CABLE EXIT TROUGH WITH BYPASS	08/971,419	11/17/97	5,923,753	7/13/99
2316.0869		US	OPTICAL CABLE EXIT TROUGH WITH BYPASS	09/904,280	7/12/01	RE40,959	11/10/09
2316.0870		US	OPTICAL FIBER CABLE MANAGEMENT DEVICE	08/971,824	11/17/97	5,946,440	8/31/99
2316.0889		US	RF CIRCUIT MODULE AND CHASSIS INCLUDING AMPLIFIER	08/988,047	12/10/97	5,966,648	10/12/99
2316.0891		US	REPAIRABLE CONNECTOR AND METHOD	09/007,855	1/15/98	5,967,852	10/19/99
2316.0891		US	REPAIRABLE CONNECTOR AND METHOD	09/357,025	7/20/99	6,109,963	8/29/00
2316.0892		US	BULKHEAD CONNECTOR SYSTEM INCLUDING ANGLE ADAPTER	09/283,834	3/31/99	6,146,192	11/14/00
2316.0892		US	BULKHEAD CONNECTOR SYSTEM INCLUDING ANGLE ADAPTER	09/615,984	7/14/00	6,231,380	5/15/01
2316.0892		US	BULKHEAD CONNECTOR SYSTEM INCLUDING ANGLE ADAPTER	09/789,301	2/20/01	6,811,432	11/2/04
2316.0892		US	BULKHEAD CONNECTOR SYSTEM INCLUDING ANGLE ADAPTER	10/901,253	7/27/04	6,991,491	1/31/06
2316.0892		US	BULKHEAD CONNECTOR SYSTEM INCLUDING ANGLE ADAPTER	12/012,459	1/31/08	RE44,141	4/9/13
2316.0901		US	ADAPTIVE TRANSMITTER FOR DIGITAL TRANSMISSION	08/917,632	8/22/97	6,229,855	5/8/01
2316.0901		US	ADAPTIVE TRANSMITTER FOR DIGITAL TRANSMISSION	60/025,344	9/3/96		
2316.0904		US	FIBER DISTRIBUTION FRAME	09/213,036	12/16/98	6,201,919	3/13/01
2316.0926		US	OUTSIDE PLANT FIBER DISTRIBUTION APPARATUS AND METHOD	09/122,947	7/27/98	6,160,946	12/12/00
2316.0926		US	OUTSIDE PLANT FIBER DISTRIBUTION APPARATUS AND METHOD	09/689,989	10/13/00	6,363,200	3/26/02
2316.0926		US	OUTSIDE PLANT FIBER DISTRIBUTION APPARATUS AND METHOD	10/810,547	3/26/04	RE40,358	6/3/08
2316.0926		US	OUTSIDE PLANT FIBER DISTRIBUTION APPARATUS AND METHOD	12/218,240	7/11/08	RE42,258	3/29/11
2316.0926		US	OUTSIDE PLANT FIBER DISTRIBUTION APPARATUS AND METHOD	12/218,241	7/11/08	RE41,777	9/28/10
2316.0926		US	OUTSIDE PLANT FIBER DISTRIBUTION APPARATUS AND METHOD	11/397,885	4/4/06		
2316.0926		US	OUTSIDE PLANT FIBER DISTRIBUTION APPARATUS AND METHOD	13/065,832	3/29/11		
2316.0942		US	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	13/464,526	5/4/12	8,491,331	7/23/13
2316.0942		US	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	13/924,165	6/21/13		
2316.0942		US	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	14/683,987	4/10/15		
2316.0942		US	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	09/092,545	6/5/98	6,537,106	3/25/03

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0942		US	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	10/349,800	1/22/03	6,916,199	7/12/05
2316.0942		US	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	11/112,139	4/22/05	7,244,144	7/17/07
2316.0942		US	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	11/176,939	7/6/05	7,179,119	2/20/07
2316.0942		US	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	11/446,916	6/5/06	7,544,090	6/9/09
2316.0942		US	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	11/858,196	9/20/07	7,534,135	5/19/09
2316.0942		US	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	12/405,385	3/17/09	7,934,948	5/3/11
2316.0942		US	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	13/099,022	5/2/11	8,187,027	5/29/12
2316.0951		US	FIBER OPTIC ADAPTER, INCLUDING HYBRID CONNECTOR SYSTEM	09/198,163	11/23/98	6,347,888	2/19/02
2316.0960		US	FIBER OPTIC MODULE	09/121,066	7/21/98	6,208,796	3/27/01
2316.0960		US	FIBER OPTIC MODULE INCLUDING LENS CAP	09/756,441	1/8/01	6,307,998	10/23/01
2316.0960		US	FIBER OPTIC MODULE	10/014,888	10/22/01		
2316.0974		US	FIBER OPTIC CABINET AND TRAY	09/158,182	9/21/98	6,215,938	4/10/01
2316.0974		US	FIBER OPTIC CABINET AND TRAY	09/745,111	10/20/00	6,480,660	11/12/02
2316.0975		US	OPTICAL FIBER CABLE MANAGEMENT DEVICE INCLUDING STORAGE TRAY	09/150,216	9/9/98	6,263,141	7/17/01
2316.0988		US	JACK ASSEMBLY	09/191,213	11/12/98	6,116,961	9/12/00
2316.0988		US	JACK ASSEMBLY	09/470,508	12/22/99	6,352,451	3/5/02
2316.0988		US	JACK ASSEMBLY	10/036,641	12/31/01	6,575,792	6/10/03
2316.0988		US	JACK ASSEMBLY	10/429,179	5/2/03	6,799,998	10/5/04
2316.0988		US	JACK ASSEMBLY	10/925,686	8/24/04	6,881,099	4/19/05
2316.0988		US	JACK INSERT ASSEMBLY WITH CROSS-CONNECT CONTACTS	11/100,263	4/5/05	7,083,475	8/1/06
2316.0988		US	JACK ASSEMBLY	11/474,731	6/26/06	7,234,974	6/26/07
2316.0988		US	JACK ASSEMBLY	11/803,938	5/16/07	7,462,075	12/9/08
2316.0988		US	JACK ASSEMBLY ARRANGEMENT WITH STAGGERED JACK BORES	12/290,910	11/5/08	7,658,650	2/9/10
2316.0988		US	Jack mount with jacks with normal contacts and vertically staggered jack bores	12/655,470	12/29/09	7,815,472	10/19/10
2316.0988		US	HORIZONTALLY ALIGNED JACK MOUNTS WITH VERTICALLY STAGGERED JACK BORES	12/924,901	10/6/10	7,901,252	3/8/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0988		US	JACK ASSEMBLY WITH VERTICALLY STAGGERED JACK BORES	12/931,207	1/26/11	8,382,528	2/26/13
2316.0988		US	JACK ASSEMBLY	13/770,555	2/19/13		
2316.1009		US	DIGITAL CROSS CONNECT MODULE WITH REMOVABLE JACK	09/510,867	2/23/00	6,589,062	7/8/03
2316.1009		US	DIGITAL CROSS CONNECT MODULE WITH REMOVABLE JACK	10/209,027	7/30/02	6,743,032	6/1/04
2316.1009		US	DSX MODULE WITH REMOVABLE JACK	09/286,871	4/6/99		
2316.1010		US	MICROELECTROMECHANICAL OPTICAL SWITCH AND METHOD OF MANUFACTURE THEREOF	09/372,265	8/11/99	6,229,640	5/8/01
2316.1010		US	MICROELECTROMECHANICAL OPTICAL SWITCH AND METHOD OF MANUFACTURE THEREOF	09/789,887	2/21/01	6,682,871	1/27/04
2316.1016		US	CABLE MANAGEMENT RACK FOR TELECOMMUNICATION CROSS-CONNECT SYSTEMS	09/316,742	5/21/99	6,543,626	4/8/03
2316.1016		US	CABLE MANAGEMENT RACK FOR TELECOMMUNICATION CROSS-CONNECT SYSTEMS	10/406,487	4/3/03	6,796,438	9/28/04
2316.1016		US	CABLE MANAGEMENT RACK FOR TELECOMMUNICATION CROSS-CONNECT SYSTEMS	10/952,570	9/27/04	7,391,625	6/24/08
2316.1016		US	CABLE MANAGEMENT RACK FOR TELECOMMUNICATION CROSS-CONNECT SYSTEMS	12/152,272	5/13/08	7,715,213	5/11/10
2316.1017		US	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	09/249,718	2/12/99	6,102,214	8/15/00
2316.1017		US	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	09/507,127	2/18/00	6,223,909	5/1/01
2316.1017		US	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	09/742,983	12/20/00	6,467,633	10/22/02
2316.1020		US	METHOD OF ETCHING A WAFER LAYER USING MULTIPLE LAYERS OF THE SAME PHOTORESISTANT MATERIAL AND STRUCTURE FORMED THEREBY	09/372,428	8/11/99	6,316,282	11/13/01
2316.1020		US	SEMICONDUCTOR WAFER	09/946,390	9/4/01	6,469,361	10/22/02
2316.1021		US	METHOD OF ETCHING A WAFER LAYER USING A SACRIFICIAL WALL AND STRUCTURE FORMED THEREBY	09/372,700	8/11/99	6,242,363	6/5/01
2316.1021		US	METHOD OF ETCHING A WAFER LAYER USING A SACRIFICIAL WALL TO FORM A VERTICAL SIDEWALL	09/788,821	2/20/01		
2316.1051		US	HIGH DENSITY PATCHING SYSTEM	09/293,026	4/16/99	6,186,798	2/13/01
2316.1051		US	HIGH DENSITY PATCHING SYSTEM	09/644,364	8/23/00	6,345,986	2/12/02
2316.1051		US	HIGH DENSITY PATCHING SYSTEM	10/074,681	2/12/02	6,623,278	9/23/03

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1051		US	HIGH DENSITY PATCHING SYSTEM	10/668,685	9/23/03		
2316.1056		US	WALL PLATE	29/103,328	4/13/99	D429,623	8/22/00
2316.1057		US	WALL PLATE	29/103,337	4/13/99	D430,478	9/5/00
2316.1058		US	SURFACE MOUNT BOX	29/103,338	4/13/99	D435,246	12/19/00
2316.1059		US	SURFACE MOUNT BOX	29/103,336	4/13/99	D433,385	11/7/00
2316.1063		US	CABLE GUIDING TROUGH	09/366,814	8/4/99	6,076,779	6/20/00
2316.1067		US	TELECOMMUNICATIONS CONNECTOR FOR HIGH FREQUENCY TRANSMISSIONS	09/378,404	8/20/99	6,520,806	2/18/03
2316.1107		US	JACK INCLUDING CROSSTALK COMPENSATION FOR PRINTED CIRCUIT BOARD	13/506,644	5/4/12	RE44,961	6/24/14
2316.1107		US	JACK INCLUDING CROSSTALK COMPENSATION FOR PRINTED CIRCUIT BOARD	14/311,960	6/23/14		
2316.1107		US	JACK INCLUDING CROSSTALK COMPENSATION FOR PRINTED CIRCUIT BOARD	09/378,105	8/20/99	6,089,923	7/18/00
2316.1107		US	JACK INCLUDING CROSSTALK COMPENSATION FOR PRINTED CIRCUIT BOARD.	09/587,939	6/6/00	6,428,362	8/6/02
2316.1107		US	JACK INCLUDING CROSSTALK COMPENSATION FOR PRINTED CIRCUIT BOARD	11/253,281	10/17/05	RE39,546	4/3/07
2316.1107		US	JACK INCLUDING CROSSTALK COMPENSATION FOR PRINTED CIRCUIT BOARD	11/732,104	4/2/07	RE41,052	12/22/09
2316.1107		US	JACK INCLUDING CROSSTALK COMPENSATION FOR PRINTED CIRCUIT BOARD	12/806,400	8/11/10	RE43,366	5/8/12
2316.1107		US	JACK INCLUDING CROSSTALK COMPENSATION FOR PRINTED CIRCUIT BOARD	12/655,065	12/21/09		
2316.1107		US	JACK INCLUDING CROSSTALK COMPENSATION FOR PRINTED CIRCUIT BOARD	13/086,127	4/13/11		
2316.1139		US	SYSTEMS AND METHODS FOR MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	09/460,633	12/14/99	6,826,280	11/30/04
2316.1139		US	SYSTEMS AND METHODS FOR MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	10/654,275	9/2/03		
2316.1140		US	DESIGNATION WINDOW	09/608,380	6/30/00	6,421,941	7/23/02

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1141		US	DESIGNATION WINDOW (Design Case)	29/125,896	6/30/00	D449,217	10/16/01
2316.1142		US	FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	09/459,968	12/13/99	6,419,402	7/16/02
2316.1142		US	FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	10/170,017	6/11/02		
2316.1149		US	MONITORED REDUNDANT SWITCH APPARATUS AND METHOD	09/459,674	12/13/99		
2316.1150		US	CONNECTOR PLUG AND INSERT FOR TWISTED PAIR CABLES	09/459,706	12/13/99	6,561,838	5/13/03
2316.1151		US	MULTIMEDIA OUTLET BOX	09/495,655	2/1/00	7,220,144	5/22/07
2316.1151		US	A MULTIMEDIA OUTLET BOX	11/729,284	3/28/07	7,361,052	4/22/08
2316.1152		US	OUTLET BOX WITH CABLE MANAGEMENT SPOOL	09/495,991	2/1/00	6,315,598	11/13/01
2316.1155		US	MODULAR FURNITURE ADAPTER FACE PLATE (Design)	29/119,772	3/7/00	D450,562	11/20/01
2316.1156		US	CABLE MANAGEMENT APPARATUS FOR AN OUTLET BOX	09/495,653	2/1/00	6,350,151	2/26/02
2316.1171		US	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	09/541,340	4/3/00	6,456,203	9/24/02
2316.1171		US	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	10/194,689	7/12/02	6,873,510	3/29/05
2316.1171		US	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	11/091,862	3/28/05	7,126,803	10/24/06
2316.1171		US	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	11/489,743	7/18/06	7,304,834	12/4/07
2316.1171		US	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	11/978,410	10/29/07	7,460,360	12/2/08
2316.1171		US	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	12/273,127	11/18/08	7,751,180	7/6/10
2316.1172		US	POWER DISTRIBUTION PANEL WITH HEAT SINK	09/527,897	3/20/00	6,522,542	2/18/03
2316.1174		US	DSX BAY TRACER ILLUMINATOR	09/522,520	3/10/00	6,300,877	10/9/01
2316.1174		US	DSX ILLUMINATOR	09/974,443	10/9/01	6,636,152	10/21/03
2316.1175		US	SPLITTER ARCHITECTURE FOR A TELECOMMUNICATIONS SYSTEM	09/549,133	4/13/00	7,333,606	2/19/08
2316.1175		US	SPLITTER ARCHITECTURE FOR A TELECOMMUNICATIONS SYSTEM	12/006,818	1/4/08		
2316.1177		US	UPGRADEABLE MEDIA WALL CONVERTER AND HOUSING	09/636,122	8/10/00	6,364,535	4/2/02
2316.1178		US	FIBER DISTRIBUTION FRAME WITH FIBER TERMINATION BLOCKS	09/523,901	3/13/00	6,418,262	7/9/02
2316.1178		US	FIBER DISTRIBUTION FRAME WITH FIBER TERMINATION BLOCKS	10/193,595	7/9/02		
2316.1180		US	DESIGN AND ESTIMATING TOOLS FOR THE DESIGN OF TELECOMMUNICATIONS INFRASTRUCTURE IN A STRUCTURE	09/516,108	3/1/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1180		US	DESIGN AND ESTIMATING TOOLS FOR THE DESIGN OF TELECOMMUNICATIONS INFRASTRUCTURE IN A STRUCTURE	09/817,775	3/26/01		
2316.1195		US	FANNING STRIP FOR CABLE MANAGEMENT PANEL	09/708,917	11/8/00	6,381,393	4/30/02
2316.1196		US	TELESCOPING TROUGH	09/578,300	5/25/00	6,739,795	5/25/04
2316.1196		US	METHOD OF ASSEMBLING A CABLE ROUTING SYSTEM	10/626,106	7/23/03	7,383,634	6/10/08
2316.1220		US	CABLE TROUGH WITH SEPARATE SIDE ELEMENTS	09/669,279	9/26/00	6,631,875	10/14/03
2316.1220		US	CABLE TROUGH WITH SEPARATE SIDE ELEMENTS	10/685,770	10/14/03		
2316.1221		US	MULTIMEDIA PATCHING BOX	09/708,800	11/8/00	6,788,786	9/7/04
2316.1221		US	MULTIMEDIA PATCHING BOX	10/925,747	8/24/04	7,330,546	2/12/08
2316.1221		US	MULTIMEDIA PATCHING BOX	12/002,177	12/14/07	7,589,277	9/15/09
2316.1221		US	MULTIMEDIA PATCHING BOX	09/667,877	9/22/00		
2316.1221		US	MULTIMEDIA PATCHING BOX	12/462,597	8/4/09		
2316.1222		US	COVER FOR A WALL MOUNTED MEDIA CONVERTER HOUSING (Design)	29/127,690	8/10/00	D448,350	9/25/01
2316.1223		US	CIRCUIT ASSEMBLY FOR MONITORING PORT ACTIVITY AND INTEGRITY OF A MULTIPORT MEDIA CONVERTER	09/636,171	8/10/00	6,955,477	10/18/05
2316.1224		US	COVER FOR AN ADAPTER HOUSING (Design)	29/127,689	8/10/00	D457,497	5/21/02
2316.1227		US	FIBER PROTECTION SYSTEM AND METHOD INCLUDING BLOCKING KIT	09/595,430	6/15/00		
2316.1229		US	LOW PROFILE TELECOMMUNICATIONS JACK WITH LAMP SWITCH	09/710,007	11/10/00	6,422,902	7/23/02
2316.1231		US	METHOD AND SYSTEM FOR MDI CROSSOVER CONTROL	09/635,881	8/10/00	6,684,347	1/27/04
2316.1232		US	TELECOMMUNICATIONS CABLE STORAGE SPOOL	09/649,361	8/28/00	6,612,515	9/2/03
2316.1235		US	WALL MOUNTED MEDIA CONVERTER HOUSING (Design)	29/127,696	8/10/00	D449,300	10/16/00
2316.1236		US	ADAPTER HOUSING (Design)	29/127,709	8/10/00	D455,720	4/16/02
2316.1237		US	RECEPTACLE HOUSING FOR A WALL MOUNTED MEDIA CONVERTER (Design)	29/127,697	8/10/00	D455,122	4/2/02
2316.1243		US	TESTING BOX FOR A TELECOMMUNICATIONS SYSTEM	09/661,929	9/14/00	6,768,794	7/27/04
2316.1247		US	TUNABLE FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	09/749,223	12/27/00	6,428,215	8/6/02
2316.1247		US	TUNABLE FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	10/211,998	8/1/02	6,695,489	2/24/04

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1248		US	OPTICAL CABLE TROUGHS, FITTINGS, AND COUPLINGS	09/680,866	10/6/00	6,512,875	1/28/03
2316.1250		US	CABLE EXIT TROUGH WITH INSERT	13/274,112	10/14/11	8,306,381	11/6/12
2316.1250		US	CABLE EXIT TROUGH WITH INSERT	13/659,407	10/24/12	8,712,205	4/29/14
2316.1250		US	CABLE EXIT TROUGH WITH INSERT	14/262,899	4/28/14		
2316.1250		US	CABLE EXIT TROUGH WITH INSERT	09/680,700	10/6/00	6,625,373	9/23/03
2316.1250		US	CABLE EXIT TROUGH WITH INSERT	10/622,501	7/18/03	6,763,169	7/13/04
2316.1250		US	CABLE EXIT TROUGH WITH INSERT	10/890,417	7/12/04	6,915,056	7/5/05
2316.1250		US	CABLE EXIT TROUGH WITH INSERT	11/137,125	5/25/05	7,155,104	12/26/06
2316.1250		US	CABLE EXIT TROUGH WITH INSERT	11/605,849	11/29/06	7,551,827	6/23/09
2316.1250		US	CABLE EXIT TROUGH WITH INSERT	12/456,693	6/18/09	7,885,503	2/8/11
2316.1250		US	CABLE EXIT TROUGH WITH INSERT	12/930,729	1/13/11	8,041,174	10/18/11
2316.1251		US	OPTICAL CABLE EXIT TROUGH WITH COVER	13/274,123	10/14/11	8,335,422	12/18/12
2316.1251		US	CABLE EXIT TROUGH WITH INSERT	13/686,528	11/27/12		
2316.1251		US	OPTICAL CABLE EXIT TROUGH WITH COVER	09/680,779	10/6/00	6,535,683	3/18/03
2316.1251		US	OPTICAL CABLE EXIT TROUGH WITH COVER	10/360,563	2/6/03	7,184,644	2/27/07
2316.1251		US	OPTICAL CABLE EXIT TROUGH WITH COVER	11/607,086	11/30/06	7,715,684	5/11/10
2316.1251		US	CABLE EXIT TROUGH WITH COVER	12/798,448	4/1/10	8,041,176	10/18/11
2316.1252		US	CABLE STORAGE CARTRIDGE	09/666,967	9/21/00	6,408,124	6/18/02
2316.1252		US	CABLE STORAGE CARTRIDGE	10/092,348	3/5/02	6,643,443	11/4/03
2316.1253		US	FERRULE POLISHING FIXTURE	10/061,732	2/1/02	6,718,111	4/6/04
2316.1253		US	FERRULE POLISHING FIXTURE	10/777,615	2/12/04	6,987,921	1/17/06
2316.1254		US	SYSTEM FOR CLAMPING FERRULES	10/061,849	2/1/02	6,860,646	3/1/05
2316.1255		US	METHOD AND APPARATUS FOR DISTRIBUTION OF POWER IN A MEDIA CONVERTER SYSTEM	09/636,121	8/10/00	6,317,012	11/13/01
2316.1255		US	METHOD AND APPARATUS FOR DISTRIBUTION OF POWER IN A MEDIA CONVERTER SYSTEM	10/197,278	7/16/02	6,556,097	4/29/03
2316.1255		US	METHOD AND APPARATUS FOR DISTRIBUTION OF POWER IN A MEDIA CONVERTER SYSTEM	10/010,648	11/13/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1260		US	ELECTRONIC SIGNAL TRANSMISSION AND SWITCHING JACK	09/828,706	4/6/01	6,992,257	1/31/06
2316.1260		US	ELECTRONIC SIGNAL TRANSMISSION AND SWITCHING JACK	11/112,962	4/22/05	7,092,176	8/15/06
2316.1260		US	ELECTRONIC SIGNAL TRANSMISSION AND SWITCHING JACK	11/474,730	6/26/06	7,495,188	2/24/09
2316.1260		US	ELECTRONIC SIGNAL TRANSMISSION AND SWITCHING JACK	12/380,184	2/23/09	7,968,810	6/28/11
2316.1260		US	ELECTRONIC SIGNAL TRANSMISSION AND SWITCHING JACK	10/732,167	12/9/03		
2316.1260		US	ELECTRONIC SIGNAL TRANSMISSION AND SWITCHING JACK	13/169,885	6/27/11		
2316.1266		US	METHOD AND APPARATUS FOR MULTI-DIRECTIONAL FIBER OPTIC CONNECTION	09/871,836	6/1/01	6,637,949	10/28/03
2316.1266		US	METHOD AND APPARATUS FOR MULTI-DIRECTIONAL FIBER OPTIC CONNECTION	10/651,565	8/29/03	6,821,031	11/23/04
2316.1266		US	METHOD AND APPARATUS FOR MULTI-DIRECTIONAL FIBER OPTIC CONNECTION	10/996,596	11/23/04	7,153,040	12/26/06
2316.1266		US	METHOD AND APPARATUS FOR MULTI-DIRECTIONAL FIBER OPTIC CONNECTION	11/637,488	12/12/06	7,641,399	1/5/10
2316.1271		US	MEMS OPTICAL SWITCH INCLUDING TAPERED FIBER WITH HEMISPHERIC LENS	09/769,007	1/24/01		
2316.1272		US	MEMS OPTICAL SWITCH ON A SINGLE CHIP AND METHOD	09/768,723	1/24/01	6,901,180	5/31/05
2316.1281		US	CABLE CONNECTOR RETAINER FOR ANGLED CABLE ASSEMBLY	09/684,572	10/6/00	6,736,566	5/18/04
2316.1281		US	CABLE CONNECTOR RETAINER FOR ANGLED CABLE ASSEMBLY	09/756,491	1/8/01	6,511,338	1/28/03
2316.1288		US	INTERCONNECT MODULE	10/350,895	1/24/03	6,890,187	5/10/05
2316.1288		US	INTERCONNECT MODULE	09/939,203	8/24/01	6,511,330	1/28/03
2316.1289		US	LOW PROFILE CABLE EXIT TROUGH	09/707,182	11/6/00	6,522,823	2/18/03
2316.1290		US	MODULAR CABLE MANAGEMENT TROUGH SECTION	09/684,643	10/10/00	6,470,129	10/22/02
2316.1291		US	TELECOMMUNICATIONS CONNECTOR WITH SPRING ASSEMBLY AND METHOD FOR ASSEMBLING	09/811,148	3/16/01	6,554,653	4/29/03
2316.1291		US	TELECOMMUNICATIONS CONNECTOR WITH SPRING ASSEMBLY AND METHOD FOR ASSEMBLING	11/119,492	4/28/05	RE41,250	4/20/10
2316.1296		US	ACCESS PANEL FOR NETWORK END LINESHARING ADSL/POTS SPLITTER	09/707,165	11/6/00	6,831,930	12/14/04
2316.1344		US	MEMS OPTICAL BALANCED PATH SWITCH	09/829,212	4/9/01	6,526,197	2/25/03
2316.1348		US	TELECOMMUNICATIONS JACK SUBASSEMBLY	09/710,088	11/10/00	6,503,105	1/7/03

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1351		US	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	09/712,803	11/14/00	6,321,917	11/27/01
2316.1353		US	SYSTEMS AND METHOD FOR OTDR TRACING AND MAPPING	60/251,264	12/4/00		
2316.1360		US	POWER DISTRIBUTION PANEL WITH FLAME CONTAINMENT SLOTS	09/725,339	11/29/00	6,501,649	12/31/02
2316.1362		US	DIGITAL SWITCHING CROSS-CONNECT MODULE	10/199,981	7/19/02	6,830,486	12/14/04
2316.1362		US	DIGITAL SWITCHING CROSS-CONNECT MODULE	11/541,466	9/29/06	7,524,211	4/28/09
2316.1362		US	DIGITAL SWITCHING CROSS-CONNECT MODULE	10/978,700	11/1/04	7,121,896	10/17/06
2316.1363		US	DSX JACK INCLUDING CONTACT	10/232,996	8/28/02		
2316.1365		US	TELECOMMUNICATIONS CONNECTOR	10/200,060	7/19/02	7,070,457	7/4/06
2316.1366		US	PIN JACK FOR A DIGITAL SWITCHING CROSS-CONNECT MODULE	10/199,984	7/19/02	6,830,487	12/14/04
2316.1366		US	PIN JACK FOR A DIGITAL SWITCHING CROSS-CONNECT MODULE	11/010,631	12/13/04		
2316.1367		US	MONITOR NETWORK FOR A DIGITAL SWITCHING CROSS-CONNECT MODULE	10/199,980	7/19/02	7,239,699	7/3/07
2316.1378		US	MULTI-CIRCUIT SIGNAL TRANSFORMER	09/768,079	1/23/01	6,597,256	7/22/03
2316.1378		US	MULTI-CIRCUIT SIGNAL TRANSFORMER	10/177,639	6/19/02	6,717,486	4/6/04
2316.1378		US	MULTI-CIRCUIT SIGNAL TRANSFORMER	10/198,730	7/17/02		
2316.1383		US	FIBER OPTIC ADAPTER WITH ATTENUATOR AND METHOD	10/264,531	10/4/02	6,599,024	7/29/03
2316.1383		US	FIBER OPTIC ADAPTER WITH ATTENUATOR AND METHOD	09/833,100	4/11/01	6,461,055	10/8/02
2316.1387		US	TERMINATION AND SPLICE PANEL	09/800,430	3/6/01	6,631,237	10/7/03
2316.1389		US	NORMAL THROUGH JACK AND METHOD	09/778,667	2/7/01	6,358,093	3/19/02
2316.1389		US	NORMAL THROUGH JACK AND METHOD	10/038,884	1/2/02	6,482,039	11/19/02
2316.1397		US	CARD EDGE COAXIAL CONNECTOR	10/114,897	4/2/02	6,935,866	8/30/05
2316.1397		US	CARD EDGE COAXIAL CONNECTOR	11/138,093	5/26/05	7,118,382	10/10/06
2316.1397		US	CARD EDGE COAXIAL CONNECTOR	11/489,366	7/18/06	7,357,641	4/15/08
2316.1397		US	CARD EDGE COAXIAL CONNECTOR	12/075,404	3/10/08	7,607,922	10/27/09
2316.1397		US	CARD EDGE COAXIAL CONNECTOR	11/071,882	3/3/05		
2316.1398		US	SPLITTER ASSEMBLY WITH HIGH DENSITY BACKPLANE BOARD	09/896,809	6/29/01	6,804,353	10/12/04

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1399		US	METHOD FOR IMPROVED DIE RELEASE OF MEMS BASED COMPONENTS OF SOI WAFERS	09/891,105	6/25/01	6,544,898	4/8/03
2316.1400		US	A FIBER OPTIC SWITCH PACKAGE AND A METHOD OF ASSEMBLING A FIBER OPTIC SWITCH PACKAGE	09/768,926	1/24/01	6,470,111	10/22/02
2316.1404		US	INPUT POWER CONNECTOR FOR DISTRIBUTION PANEL	09/971,083	10/3/01	6,806,420	10/19/04
2316.1404		US	INPUT POWER CONNECTOR FOR DISTRIBUTION PANEL	11/583,876	10/18/06	RE41,662	9/14/10
2316.1407		US	IN-LINE OPTICAL DEVICE WITH REMOVABLE HOUSING AND METHOD	10/368,900	2/14/03	6,866,425	3/15/05
2316.1408		US	CABLE GUIDE FOR FIBER TERMINATION BLOCK	09/784,815	2/15/01	6,532,332	3/11/03
2316.1410		US	TELECOMMUNICTIONS CHASSIS, MODULE AND BRIDGING REPEATER CIRCUITRY	09/812,226	3/19/01	6,907,230	6/14/05
2316.1410		US	TELECOMMUNICTIONS CHASSIS AND BRIDGING REPEATER CIRCUITRY (STM-1 BOR)	11/126,853	5/10/05	7,224,947	5/29/07
2316.1410		US	TELECOMMUNICTIONS CHASSIS, MODULE AND BRIDGING REPEATER CIRCUITRY (STM-1 BOR)	11/739,523	4/24/07	7,778,597	8/17/10
2316.1412		US	COMMUNICATION PANEL	09/871,580	5/31/01	6,850,416	2/1/05
2316.1413		US	DEVICE FOR TESTING COAXIAL CONNECTORS	09/803,648	3/9/01	6,538,452	3/25/03
2316.1414		US	TELECOMMUNICATIONS CHASSIS AND MODULE	09/873,763	6/4/01	6,824,312	11/30/04
2316.1414		US	TELECOMMUNICATIONS CHASSIS AND MODULE (DS3 E/O IOR & System)	11/000,363	11/29/04	7,668,430	2/23/10
2316.1420		US	TUNABLE FIBER OPTIC CONNECTOR AND DEVICE AND METHOD FOR TUNING A CONNECTOR	10/286,655	11/1/02	6,913,396	7/5/05
2316.1424		US	BULKHEAD ADAPTER WITH OPTICAL FIBER FOR SIGNAL ATTENUATION	09/872,772	6/1/01	6,712,523	3/30/04
2316.1426		US	MEMS MICRO-RELAY WITH COUPLED ELECTROSTATIC AND ELECTROMAGNETIC ACTUATION	08/843,532	4/26/01	6,635,837	10/21/03
2316.1427		US	MAGNETICALLY LATCHING MICRO RELAY	09/943,907	8/31/01		
2316.1428		US	THERMAL MICRO-ACTUATOR BASED ON SELECTIVE ELECTRICAL EXCITATION	10/137,771	4/30/02	6,739,132	5/25/04
2316.1429		US	THERMALLY-ACTIVATED ACTUATOR	10/136,703	4/30/02		
2316.1430		US	THERMALLY ACTIVATED LATCH	09/944,714	8/31/01	6,664,885	12/16/03
2316.1456		US	CABLE GUIDING FINS	09/797,299	3/1/01	6,708,918	3/23/04
2316.1457		US	CABLE MANAGEMENT RACK INCLUDING CHASSIS AND CONNECTOR MODULES	09/812,244	3/19/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1458		US	MULTIMEDIA OUTLET WITH PROTECTIVE COVER	09/823,234	3/30/01	6,793,524	9/21/04
2316.1459		US	CABLE MANAGEMENT BRACKETS AND CABINET	09/892,210	6/26/01	6,785,459	8/31/04
2316.1460		US	SPLITTER ASSEMBLY FOR A TELECOMMUNICATIONS SYSTEM	09/853,035	5/10/01	7,257,223	8/14/07
2316.1460		US	SPLITTER ASSEMBLY FOR A TELECOMMUNICATIONS SYSTEM	11/838,464	8/14/07		
2316.1461		US	HIGH CIRCUIT DENSITY POTS SPLITTER ASSEMBLY	09/896,808	6/29/01	6,804,352	10/12/04
2316.1462		US	SPLITTER ASSEMBLY WITH INVERTED POTS AND LINE CONNECTORS	09/896,787	6/29/01	6,738,463	5/18/04
2316.1462		US	SPLITTER ASSEMBLY WITH INVERTED POTS AND LINE CONNECTORS	10/812,504	3/29/04		
2316.1463		US	SPLITTER DEVICE FOR MDU/MTU ENVIRONMENTS	09/945,148	8/31/01	6,782,097	8/24/04
2316.1464		US	CARD RETAINER BRACKET	09/815,161	3/22/01		
2316.1465		US	INSULATION STRIP FOR POTS SPLITTER CARD	09/815,386	3/22/01	6,944,292	9/13/05
2316.1466		US	CARD GUIDE FOR A TELECOMMUNICATIONS SPLITTER ASSEMBLY	09/896,323	6/29/01	6,628,525	9/30/03
2316.1467		US	SNAP TOGETHER CABLE TROUGH SYSTEM	09/953,571	9/12/01	6,603,073	8/5/03
2316.1468		US	CABLE MANAGEMENT SYSTEM INCLUDING VARIABLE SEGMENTS	09/842,518	4/25/01	6,585,195	7/1/03
2316.1469		US	COMMUNICATIONS PANEL	29/142,744	5/31/01	D466,111	11/26/02
2316.1470		US	ADD-ON TROUGH FOR CABLE MANAGEMENT RACK	09/800,425	3/6/01	6,429,376	8/6/02
2316.1471		US	VERTICAL CABLE MANAGEMENT RING WITH PIVOTABLE SECTION	09/905,711	4/27/01	6,708,830	3/23/04
2316.1471		US	VERTICAL CABLE MANAGEMENT RING WITH PIVOTAL SECTION	09/845,039	4/27/01		
2316.1471		US	VERTICAL CABLE MANAGEMENT RING WITH PIVOTABLE SECTION	60/331,367	2/6/02		
2316.1472		US	HORIZONTAL CABLE TROUGHS AND TOOL DRAWER	09/905,708	4/27/01	7,172,077	2/6/07
2316.1472		US	HORIZONTAL CABLE TROUGHS AND TOOL DRAWER	11/651,755	1/9/07	8,127,939	3/6/12
2316.1472		US	REAR CROSS-CONNECT BAY	09/845,082	4/27/01		
2316.1472		US	HORIZONTAL CABLE TROUGHS AND TOOL DRAWER	60/327,572	2/4/02		
2316.1474		US	ANGLED RJ TO RJ PATCH PANEL	09/991,077	11/16/01	6,736,670	5/18/04
2316.1474		US	ANGLED RJ TO RJ PATCH PANEL	10/645,760	8/19/03	6,761,585	7/13/04
2316.1474		US	ANGLED RJ TO RJ PATCH PANEL	10/860,177	6/3/04	7,066,771	6/27/06
2316.1474		US	ANGLED RJ TO RJ PATCH PANEL	11/382,106	5/8/06	7,241,182	7/10/07

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1474		US	ANGLED RJ TO RJ PATCH PANEL	11/774,609	7/8/07	7,686,658	3/30/10
2316.1475		US	CABLE STORAGE SPOOL	09/801,573	3/7/01	6,625,374	9/23/03
2316.1478		US	TINTED CABLE MANAGEMENT SYSTEM	09/802,290	3/8/01		
2316.1479		US	A FIBER OPTIC SWITCH PACKAGE AND A METHOD OF ASSEMBLING A FIBER OPTIC SWITCH PACKAGE HAVING AN INVERTED RING STRUCTURE	09/808,638	3/14/01	6,621,949	9/16/03
2316.1480		US	A FIBER OPTIC SWITCH PACKAGE AND A METHODS OF ASSEMBLING A FIBER OPTIC SWITCH PACKAGE FOR REDIRECTING FIBER PATH	09/808,637	3/14/01	6,549,693	4/15/03
2316.1481		US	DSX JACK INCLUDING SLIDING REAR CONNECTOR	09/835,067	4/13/01	6,533,616	3/18/03
2316.1481		US	DSX JACK INCLUDING SLIDING REAR CONNECTOR	10/023,334	12/17/01	6,457,999	10/1/02
2316.1481		US	DSX JACK INCLUDING SLIDING REAR CONNECTOR	10/374,637	2/25/03	6,761,594	7/13/04
2316.1481		US	DSX JACK INCLUDING SLIDING REAR CONNECTOR	10/888,700	7/9/04	6,872,097	3/29/05
2316.1485		US	INTERCONNECT CHASSIS AND MODULE	09/939,199	8/24/01	6,830,465	12/14/04
2316.1486		US	CARD EDGE CONTACT INCLUDING COMPLIANT END	09/939,202	8/24/01	6,616,459	9/9/03
2316.1486		US	CARD EDGE CONTACT INCLUDING COMPLIANT END	10/650,350	8/28/03	6,848,952	2/1/05
2316.1486		US	CARD EDGE CONTACT INCLUDING COMPLIANT END	11/038,772	1/18/05		
2316.1487		US	APPARATUS AND METHOD FOR SENSING SWITCHING POSITIONS OF A MEMS OPTICAL SWITCH	09/815,170	3/22/01	6,459,524	10/1/02
2316.1491		US	STRAIN RELIEF BOOT OPTICAL CONNECTOR AND BOOT ASSEMBLY; AND METHODS	09/939,053	8/24/01		
2316.1492		US	LATCHING APPARATUS FOR A MEMS OPTICAL SWITCH (ALLIGATOR)	09/860,300	5/18/01	6,801,682	10/5/04
2316.1494		US	TELECOMMUNICATIONS CHASSIS AND CARD (E1-High Density BOR)	09/861,187	5/18/01	7,245,717	7/17/07
2316.1494		US	TELECOMMUNICATIONS CHASSIS AND CARD (E1-High Density BOR)	11/762,508	6/13/07	7,725,142	5/25/10
2316.1494		US	TELECOMMUNICATIONS CHASSIS AND CARD (E1-High Density BOR)	12/758,852	4/13/10	8,014,837	9/6/11
2316.1497		US	METHOD AND APPARATUS FOR INSPECTING END SURFACES ON OPTICAL CONNECTORS	09/892,192	6/26/01	6,831,738	12/14/04
2316.1497		US	METHOD AND APPARATUS FOR INSPECTING END SURFACES ON OPTICAL CONNECTORS	10/920,557	8/17/04	7,012,686	3/14/06
2316.1498		US	FIBEROPTIC CONNECTOR AND METHODS	09/967,491	9/28/01	6,758,601	7/6/04

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1498		US	FIBER OPTIC CONNECTOR AND METHODS	11/789,909	4/25/07	7,510,334	3/31/09
2316.1498		US	FIBER OPTIC CONNECTOR AND METHODS	10/881,260	6/30/04	7,226,214	6/5/07
2316.1501		US	TRIAXIAL CONNECTOR AND METHOD	10/052,581	1/18/02	6,575,786	6/10/03
2316.1501		US	TRIAXIAL CONNECTOR AND METHOD	10/453,364	6/3/03	6,702,613	3/9/04
2316.1501		US	TRIAXIAL CONNECTOR AND METHOD	10/773,612	2/6/04	6,884,114	4/26/05
2316.1501		US	TRIAXIAL CONNECTOR AND METHOD	11/100,974	4/6/05	7,140,912	11/28/06
2316.1501		US	TRIAXIAL CONNECTOR AND METHOD	11/582,715	10/17/06	7,281,948	10/16/07
2316.1502		US	CROSS AISLE CONNECTION PANEL	09/905,720	4/27/01	6,830,466	12/14/04
2316.1502		US	CROSS AISLE CONNECTION PANEL	09/843,542	4/27/01		
2316.1502		US	CROSS AISLE CONNECTION PANEL	60/331,334	12/21/01		
2316.1503		US	CROSS-CONNECT MODULE AND MOUNT	09/905,707	4/27/01	6,823,063	11/23/04
2316.1503		US	CROSS-CONNECT MODULE AND MOUNT	09/844,476	4/27/01		
2316.1503		US	CROSS-CONNECT MODULE AND MOUNT	60/331,333	12/21/01		
2316.1506		US	CABLE MANAGEMENT BRACKET FOR A TELECOMMUNICATIONS RACK	09/835,808	4/16/01	6,614,665	9/2/03
2316.1510		US	COAXIAL CONNECTOR ASSEMBLY	09/747,702	12/20/00	6,428,354	8/6/02
2316.1512		US	EMI SHIELD FOR FIBER OPTIC ADAPTOR	09/845,038	4/27/01		
2316.1513		US	BROKEN FIBER DETECTING CONDUIT FOR OPTICAL FIBERS; AND METHODS	09/940,848	8/27/01		
2316.1519		US	JACK; JACK ASSEMBLY; AND METHODS	09/911,848	7/24/01	6,632,106	10/14/03
2316.1520		US	ROTATING RADIUS LIMITER FOR CABLE MANAGEMENT PANEL AND METHODS	10/346,914	1/15/03	6,865,331	3/8/05
2316.1521		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	10/131,574	4/24/02	6,937,807	8/30/05
2316.1522		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER AND METHODS	14/699,877	4/29/15		
2316.1522		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER AND METHODS	09/900,465	7/6/01	7,079,744	7/18/06
2316.1522		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER AND METHODS	11/349,687	2/8/06	7,231,125	6/12/07
2316.1522		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER AND METHODS	11/799,010	4/30/07	7,373,071	5/13/08
2316.1522		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER AND METHODS	12/148,142	4/15/08	7,480,438	1/20/09
2316.1522		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER AND METHODS	12/316,799	12/15/08	7,664,362	2/16/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1522		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER AND METHODS	12/655,363	12/28/09	8,078,029	12/13/11
2316.1522		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER AND METHODS	13/306,186	11/29/11		
2316.1529		US	SWITCH COMPOSED OF IDENTICAL SWITCH MODULES	07/614,230	11/15/90		
2316.1529		US	SWITCH COMPOSED OF IDENTICAL SWITCH MODULES	08/242,401	5/13/94		
2316.1530		US	SYNCHRONOUS SWITCHER FOR SWITCHING OF DIGITALLY ENCODED AUDIO DATA	08/026,439	3/4/93		
2316.1533		US	GUIDE FOR FEMALE BNC CONNECTOR PART	09/021,475	2/10/98	5,921,802	7/13/99
2316.1558		US	COMMUNICATIONS PANEL (Design-2)	29/142,735	5/31/01	D465,782	11/19/02
2316.1561		US	CLOSED END COAXIAL CONNECTOR	09/960,230	9/20/01	6,551,136	4/22/03
2316.1563		US	CABLE TROUGH COVER	09/910,418	7/20/01	6,810,191	10/26/04
2316.1563		US	CABLE TROUGH COVER	10/771,125	2/3/04	6,934,456	8/23/05
2316.1563		US	CABLE TROUGH COVER	11/185,428	7/19/05	7,113,685	9/26/06
2316.1563		US	CABLE TROUGH COVER	11/507,788	8/21/06	7,224,880	5/29/07
2316.1563		US	CABLE TROUGH COVER	11/784,512	4/5/07	7,469,090	12/23/08
2316.1564		US	FLEXIBLE SNAP-TOGETHER CABLE TROUGH	09/910,419	7/20/01	6,609,684	8/26/03
2316.1565		US	FLEXIBLE SNAP-TOGETHER CABLE ENCLOSURE	09/910,420	7/20/01	6,575,654	6/10/03
2316.1566		US	SYSTEM AND METHOD FOR PROGRAMMING AND CONTROLLING A FIBER OPTIC CIRCUIT AND MODULE WITH SWITCH	10/044,370	1/11/02	6,714,698	3/30/04
2316.1570		US	JACK MODULE	10/676,379	9/30/03		
2316.1570		US	JACK MODULE	09/904,582	7/13/01	6,626,705	9/30/03
2316.1574		US	FINGER GUARD FOR POWER DISTRIBUTION PANEL	09/932,466	8/17/01	6,870,729	3/22/05
2316.1574		US	FINGER GUARD FOR POWER DISTRIBUTION PANEL	11/085,753	3/21/05	6,987,664	1/17/06
2316.1575		US	POWER DISTRIBUTION BUS WITH PROTECTION AND ALARMING	13/566,398	8/3/12	RE45,064	8/5/14
2316.1575		US	POWER DISTRIBUTION BUS WITH PROTECTION AND ALARMING	09/911,360	7/23/01	6,775,120	8/10/04
2316.1575		US	POWER DISTRIBUTION BUS WITH PROTECTION AND ALARMING	10/914,721	8/9/04	7,120,002	10/10/06
2316.1575		US	POWER DISTRIBUTION BUS WITH PROTECTION AND ALARMING	11/507,948	8/21/06	7,480,127	1/20/09
2316.1575		US	POWER DISTRIBUTION BUS WITH PROTECTION AND ALARMING	12/344,658	12/29/08	7,768,760	8/3/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1576		US	SPLITTER CARD WITH INTEGRAL TEST ACCESS	09/947,936	9/5/01	7,103,150	9/5/06
2316.1576		US	SPLITTER CARD WITH INTEGRAL TEST ACCESS	11/467,339	8/25/06	7,376,219	5/20/08
2316.1576		US	SPLITTER CARD WITH INTEGRAL TEST ACCESS	12/121,079	5/15/08	7,660,396	2/9/10
2316.1576		US	SPLITTER CARD WITH INTEGRAL TEST ACCESS	12/690,135	1/20/10	8,041,010	10/18/11
2316.1577		US	CABLE MANAGEMENT BAR AND PATCH PANEL	09/903,408	7/11/01	6,600,106	7/29/03
2316.1578		US	AUTOMATIC JACK TESTER	10/226,645	8/23/02	6,876,206	4/5/05
2316.1581		US	ROTATING VERICAL FIBER TRAY AND METHODS	09/977,072	10/12/01	6,819,857	11/16/04
2316.1586		US	PROTECTIVE PANEL FOR A SPLITTER CHASSIS OR OTHER DEVICE FOR HOLDING ELECTRONIC CARDS	09/945,569	8/30/01	6,519,162	2/11/03
2316.1587		US	TELECOMMUNICATIONS PATCH PANEL	09/991,550	11/16/01	6,608,764	8/19/03
2316.1589		US	INTERNAL POWER BUS AND POWER OUTPUT ASSEMBLY	09/971,103	10/3/01	6,905,372	6/14/05
2316.1589		US	INTERNAL POWER BUS AND POWER OUTPUT ASSEMBLY	11/100,365	4/5/05	7,144,280	12/5/06
2316.1589		US	INTERNAL POWER BUS AND POWER OUTPUT ASSEMBLY	11/582,658	10/17/06	7,458,860	12/2/08
2316.1599		US	FIBER TERMINATION BLOCK WITH ANGLED SLIDE	09/991,271	11/16/01	6,591,051	7/8/03
2316.1605		US	FRONT ACCESS DSX ASSEMBLY	09/967,316	9/28/01	6,840,815	1/11/05
2316.1605		US	FRONT ACCESS DSX ASSEMBLY	11/033,991	1/11/05	7,195,521	3/27/07
2316.1607		US	APPARATUS AND METHOD FOR POLISHING A FIBER OPTIC CONNECTOR	10/356,358	1/31/03	6,918,816	7/19/05
2316.1607		US	APPARATUS AND METHOD FOR POLISHING A FIBER OPTIC CONNECTOR	11/150,420	6/10/05	7,163,440	1/16/07
2316.1623		US	FIELD TERMINATION KIT FOR FIBER CONNECTOR	10/055,607	1/22/02	6,790,131	9/14/04
2316.1624		US	TELECOMMUNICATIONS PATCH PANEL	09/991,260	11/16/01	6,504,726	1/7/03
2316.1626		US	METHOD AND SYSTEM FOR LIMITING IN RUSH CURRENT OF A POWER SUPPLY FILTER	10/043,652	1/10/02	6,614,668	9/2/03
2316.1626		US	POWER SUPPLY FILTERING	10/441,332	5/20/03	7,082,041	7/25/06
2316.1629		US	HOUSING FOR TELECOMMUNICATIONS EQUIPMENT	10/005,207	12/4/01	7,110,527	9/19/06
2316.1629		US	HOUSING FOR TELECOMMUNICATIONS EQUIPMENT	11/388,787	3/24/06	8,433,054	4/30/13
2316.1631		US	DIGITAL SWITCHING CROSS-CONNECT MODULE	11/241,786	9/30/05	7,150,656	12/19/06

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1632		US	TERMINATION FRAME WITH MODULES AND METHOD	10/117,438	4/5/02	7,116,777	10/3/06
2316.1637		US	TRIAXIAL CONNECTOR ADAPTER AND METHOD	10/052,906	1/18/02	6,561,848	5/13/03
2316.1637		US	TRIAXIAL CONNECTOR ADAPTER AND METHOD	10/438,250	5/13/03	6,783,395	8/31/04
2316.1637		US	TRIAXIAL CONNECTOR ADAPTER AND METHOD	10/929,638	8/30/04	7,029,325	4/18/06
2316.1638		US	TRIAXIAL CONNECTOR INCLUDING CABLE CLAMP	10/052,580	1/18/02	6,846,988	1/25/05
2316.1638		US	TRIAXIAL CONNECTOR INCLUDING CABLE CLAMP	11/039,360	1/19/05	7,197,821	4/3/07
2316.1638		US	METHOD OF MOUNTING A TRIAXIAL CONNECTOR TO A CABLE	11/642,998	12/19/06	7,480,991	1/27/09
2316.1639		US	TUNED FIBER OPTIC CONNECTOR AND METHOD	10/067,134	2/4/02	6,629,782	10/7/03
2316.1640		US	FIBER OPTIC CONNECTOR AND METHOD	10/060,970	1/30/02	6,916,120	7/12/05
2316.1640		US	FIBER OPTIC CONNECTOR AND METHOD	11/116,587	4/27/05	7,147,385	12/12/06
2316.1640		US	FIBER OPTIC CONNECTOR AND METHOD	11/534,513	9/22/06	7,371,082	5/13/08
2316.1640		US	FIBER OPTIC CONNECTOR AND METHOD	12/098,003	4/4/08	7,891,883	2/22/11
2316.1642		US	METHOD FOR POLISHING A FIBER OPTIC CONNECTOR	10/071,856	2/8/02	6,599,030	7/29/03
2316.1642		US	METHOD FOR POLISHING A FIBER OPTIC CONNECTOR	10/628,882	7/28/03		
2316.1646		US	TELECOMMUNICATIONS CONNECTOR PROTECTOR DEVICE	10/750,380	12/29/03	7,186,038	3/6/07
2316.1646		US	TELECOMMUNICATIONS CONNECTOR PROTECTOR DEVICE	11/644,322	12/21/06	7,588,375	9/15/09
2316.1646		US	TELECOMMUNICATIONS CONNECTOR PROTECTOR DEVICE	12/548,091	8/26/09	8,126,307	2/28/12
2316.1646		US	TELECOMMUNICATIONS CONNECTOR PROTECTOR DEVICE	13/396,204	2/14/12		
2316.1652		US	JACK ASSEMBLY INCLUDING BALUNS INTERFACE; AND METHODS	10/077,575	2/15/02	6,554,652	4/29/03
2316.1654		US	DEVICE FOR PROVIDING DUAL MONITORING OF DIGITAL EQUIPMENT	10/174,534	6/17/02	7,127,042	10/24/06
2316.1665		US	Coupler for Cable Trough	11/677,174	2/21/07	7,584,929	9/8/09
2316.1676		US	TERMINATION PANEL WITH PIVOTING BULKHEAD AND CABLE MANAGEMENT	10/109,576	3/27/02	6,850,685	2/1/05
2316.1681		US	FIBER MANAGEMENT MODULE WITH CABLE STORAGE	10/159,775	5/31/02	6,711,339	3/23/04
2316.1682		US	DEVICE FOR PROVIDING SEMI-PERMANENT PERFORMANCE MONITORING OF DIGITAL EQUIPMENT	10/174,535	6/17/02		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1682		US	DEVICE FOR PROVIDING SEMI-PERMANENT PERFORMANCE MONITORING OF DIGITAL EQUIPMENT	60/421,122	6/17/02		
2316.1685		US	PRESS-IN PLACE LED FOR A DIGITAL SWITCHING CROSS-CONNECT MODULE	10/879,893	6/21/04	7,182,502	2/27/07
2316.1685		US	PRESS-IN PLACE LED FOR A DIGITAL SWITCHING CROSS-CONNECT MODULE	11/703,051	2/5/07	7,553,063	6/30/09
2316.1686		US	FIBER OPTIC ADAPTER SLEEVE	10/259,096	9/26/02		
2316.1690		US	TELECOMMUNICATIONS CONNECTOR ADAPTED FOR BI-DIRECTIONAL INSERTION	10/199,986	7/19/02		
2316.1691		US	SYSTEM AND METHOD OF GROUNDING FIBER STORAGE TRAYS	11/071,374	3/2/05	7,362,942	4/22/08
2316.1691		US	SYSTEM AND METHOD OF GROUNDING FIBER STORAGE TRAYS	12/148,780	4/21/08	7,817,894	10/19/10
2316.1692		US	REAR ACCESS DSX SYSTEM	10/277,173	10/18/02	6,918,793	7/19/05
2316.1692		US	REAR ACCESS DSX SYSTEM	11/121,476	5/4/05	6,994,593	2/7/06
2316.1693		US	HIGH DENSITY DSX SYSTEM	10/277,174	10/18/02	7,095,844	8/22/06
2316.1693		US	HIGH DENSITY DSX SYSTEM	11/492,707	7/25/06		
2316.1695		US	TERMINATION PANEL WITH FANNING STRIPS	10/277,175	10/18/02	6,893,299	5/17/05
2316.1695		US	TERMINATION PANEL WITH FANNING STRIPS AND PIVOTAL COVER	11/103,669	4/11/05	7,018,245	3/28/06
2316.1699		US	CROSS-CONNECT JUMPER ASSEMBLY HAVING TRACER LAMP	10/219,809	8/14/02	6,743,044	6/1/04
2316.1699		US	CROSS-CONNECT JUMPER ASSEMBLY HAVING TRACER LAMP	10/857,509	5/28/04	6,905,363	6/14/05
2316.1699		US	CROSS-CONNECT JUMPER ASSEMBLY HAVING TRACER LAMP	11/152,032	6/14/05		
2316.1702		US	CABLE MANAGEMENT ASSEMBLY, SYSTEM AND METHOD	13/352,039	1/17/12	8,403,154	3/26/13
2316.1702		US	CABLE MANAGEMENT ASSEMBLY, SYSTEM AND METHOD	10/295,169	11/15/02	7,083,051	8/1/06
2316.1702		US	CABLE MANAGEMENT ASSEMBLY, SYSTEM AND METHOD	11/450,191	6/8/06	7,331,473	2/19/08
2316.1702		US	CABLE MANAGEMENT ASSEMBLY, SYSTEM AND METHOD	11/998,169	11/27/07	7,513,374	4/7/09
2316.1702		US	CABLE MANAGEMENT ASSEMBLY, SYSTEM AND METHOD	12/380,287	2/25/09	7,748,541	7/6/10
2316.1702		US	CABLE MANAGEMENT ASSEMBLY, SYSTEM AND METHOD	12/803,554	6/28/10	8,127,941	3/6/12
2316.1705		US	FIBER OPTIC CONNECTOR AND METHOD	10/942,545	9/16/04	7,201,518	4/10/07
2316.1705		US	FIBER OPTIC CONNECTOR AND METHOD	11/689,298	3/21/07	7,530,745	5/12/09

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1705		US	FIBER OPTIC CONNECTOR AND METHOD	60/562,696	4/14/04		
2316.1715		US	METHOD FOR POLISHING A FIBER OPTIC ATTENUATOR FERRULE	10/208,733	7/31/02	6,827,632	12/7/04
2316.1716		US	FANNING TRAY	10/201,623	7/22/02	6,677,520	1/13/04
2316.1718		US	FIBER MANAGEMENT DRAWER AND SLIDING SLACK LIMITER	10/201,622	7/22/02	6,748,155	6/8/04
2316.1719		US	HIGH DENSITY FIBER DISTRIBUTION FRAME	10/225,448	8/20/02	6,920,273	7/19/05
2316.1722		US	TERMINATED COAXIAL CONNECTOR	10/264,998	10/3/02	6,712,647	3/30/04
2316.1722		US	TERMINATED COAXIAL CONNECTOR	10/201,621	7/22/02		
2316.1723		US	SPLITTER SYSTEM WITH TEST ACCESS	10/277,172	10/18/02	7,463,722	12/9/08
2316.1723		US	SPLITTER SYSTEM WITH TEST ACCESS	12/290,426	10/29/08	7,760,858	7/20/10
2316.1724		US	MEDIA WALL CONVERTER AND HOUSING	10/199,974	7/18/02	6,854,895	2/15/05
2316.1726		US	FIBER MANAGEMENT DRAWER AND PATCH PANEL	10/201,536	7/22/02	6,715,619	4/6/04
2316.1727		US	FANNING TRAY WITH HINGE	10/201,562	7/22/02		
2316.1728		US	CABLE TROUGH	10/244,813	9/16/02	6,796,437	9/28/04
2316.1732		US	RELATIVE POSITION TRACER LAMP INDICATOR	102,051	8/4/93	5,418,334	5/23/95
2316.1733		US	SYSTEMS AND METHODS FOR AUTOMATIC ASSIGNMENT OF IDENTIFICATION CODES AND DEVICES	10/308,258	12/2/02	7,237,041	6/26/07
2316.1733		US	SYSTEMS AND METHODS FOR AUTOMATIC ASSIGNMENT OF IDENTIFICATION CODES AND DEVICES	11/823,046	6/25/07	8,429,306	4/23/13
2316.1734		US	WALL MOUNT CHASSIS	10/268,064	10/8/02	6,912,349	6/28/05
2316.1734		US	WALL MOUNT CHASSIS	11/054,774	2/8/05	7,233,732	6/19/07
2316.1734		US	WALL MOUNT CHASSIS	11/801,813	5/11/07	7,454,116	11/18/08
2316.1734		US	WALL MOUNT CHASSIS	12/256,427	10/22/08	7,689,088	3/30/10
2316.1735		US	RETAINER FOR HINGED DOOR	10/244,829	9/16/02	6,981,750	1/3/06
2316.1737		US	10/100 MBS NETWORK DEVICE	10/669,248	9/24/03	7,676,592	3/9/10
2316.1739		US	HIGH DENSITY PATCHING SYSTEM	10/278,063	10/21/02	6,875,060	4/5/05
2316.1739		US	HIGH DENSITY PATCHING SYSTEM	11/067,604	2/22/05		
2316.1744		US	HIGH DENSITY PANEL WITH ROTATING TRAY	13/210,826	8/16/11		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1744		US	HIGH DENSITY PANEL WITH ROTATING TRAY	14/657,732	3/13/15		
2316.1744		US	HIGH DENSITY PANEL WITH ROTATING TRAY	10/277,606	10/21/02	7,086,539	8/8/06
2316.1744		US	HIGH DENSITY PANEL WITH ROTATING TRAY	11/326,640	1/6/06	7,090,084	8/15/06
2316.1744		US	HIGH DENSITY PANEL WITH ROTATING TRAY	11/490,849	7/21/06	7,478,730	1/20/09
2316.1744		US	HIGH DENSITY PANEL WITH ROTATING TRAY	12/351,337	1/9/09	8,002,123	8/23/11
2316.1747		US	POWER DISTRIBUTION PANEL WITH MODULAR INSERTS	10/319,456	12/13/02	7,005,996	2/28/06
2316.1747		US	POWER DISTRIBUTION PANEL WITH MODULAR INSERTS	11/331,857	1/16/06	7,585,034	9/8/09
2316.1748		US	FIBER PANEL WITH INTEGRATED COUPLERS	10/289,167	11/5/02	6,804,447	10/12/04
2316.1753		US	TELECOMMUNICATIONS JACK ASSEMBLY	10/302,354	11/22/02	6,814,624	11/9/04
2316.1753		US	TELECOMMUNICATIONS JACK ASSEMBLY	10/938,457	9/9/04	6,974,352	12/13/05
2316.1753		US	TELECOMMUNICATIONS JACK ASSEMBLY	11/245,986	10/7/05	7,306,492	12/11/07
2316.1753		US	TELECOMMUNICATIONS JACK ASSEMBLY	11/981,603	10/31/07	7,553,196	6/30/09
2316.1754		US	INSERTION BOX	10/976,344	10/26/04		
2316.1754		US	INSERTION BOX	11/010,632	12/13/04		
2316.1755		US	CHASSIS FOR HOUSING TELECOMMUNICATIONS COMPONENTS	10/309,765	12/3/02		
2316.1773		US	COAXIAL CABLE Y-SPLITTER ASSEMBLY AND METHOD	10/770,904	2/3/04	7,094,971	8/22/06
2316.1773		US	METHOD FOR ASSEMBLING COAXIAL CABLE Y-SPLITTER ASSEMBLY	11/489,085	7/18/06	7,669,316	3/2/10
2316.1773		US	COAXIAL CABLE Y-SPLITTER ASSEMBLY AND METHOD	12/710,967	2/23/10		
2316.1773		US	COAXIAL CABLE Y-SPLITTER ASSEMBLY	60/454,950	3/12/03		
2316.1777		US	COAXIAL MODULE WITH SURGE PROTECTOR	10/377,305	2/28/03	6,881,076	4/19/05
2316.1777		US	COAXIAL MODULE WITH SURGE PROTECTOR	11/055,241	2/8/05	7,306,468	12/11/07
2316.1780		US	FIBER CONTAINMENT SYSTEM	10/449,868	5/30/03	6,870,734	3/22/05
2316.1780		US	FIBER CONTAINMENT SYSTEM	11/080,125	3/15/05	7,102,884	9/5/06
2316.1780		US	FIBER CONTAINMENT SYSTEM	11/491,539	7/21/06	7,408,769	8/5/08
2316.1780		US	FIBER CONTAINMENT SYSTEM	12/221,457	8/1/08	8,144,457	3/27/12
2316.1785		US	TELECOMMUNICATIONS CONNECTION CABINET	13/768,378	2/15/13	8,811,791	8/19/14

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1785		US	TELECOMMUNICATIONS CONNECTION CABINET	14/341,938	7/28/14		
2316.1785		US	TELECOMMUNICATIONS CONNECTION CABINET	10/613,764	7/2/03	7,233,731	6/19/07
2316.1785		US	TELECOMMUNICATIONS CONNECTION CABINET	11/729,310	3/27/07	7,457,503	11/25/08
2316.1785		US	TELECOMMUNICATIONS CONNECTION CABINET	12/276,886	11/24/08	7,844,159	11/30/10
2316.1785		US	TELECOMMUNICATIONS CONNECTION CABINET	12/908,238	10/20/10	7,995,894	8/9/11
2316.1785		US	TELECOMMUNICATIONS CONNECTION CABINET	13/176,577	7/5/11	8,401,357	3/19/13
2316.1785		US	TELECOMMUNICATIONS CONNECTION CABINET	14/814,047	7/30/15		
2316.1787		US	FIBER OPTIC CONNECTOR HOLDER AND METHOD	13/540,258	7/2/12	8,636,421	1/28/14
2316.1787		US	FIBER OPTIC CONNECTOR HOLDER AND METHOD	14/132,282	12/18/13		
2316.1787		US	FIBER OPTIC CONNECTOR HOLDER AND METHOD	10/610,325	6/30/03	7,198,409	4/3/07
2316.1787		US	FIBER OPTIC CONNECTOR HOLDER AND METHOD	11/729,425	3/27/07	7,407,330	8/5/08
2316.1787		US	CONNECTOR STORAGE SYSTEM	12/185,504	8/4/08	7,841,775	11/30/10
2316.1787		US	FIBER OPTIC CONNECTOR HOLDER AND METHOD	12/908,271	10/20/10	7,980,768	7/19/11
2316.1787		US	FIBER OPTIC CONNECTOR HOLDER AND METHOD	13/177,108	7/6/11	8,210,756	7/3/12
2316.1787		US	FIBER OPTIC CONNECTOR HOLDER AND METHOD				
2316.1789		US	FIBEROPTIC FURCATION DEVICE WITH CRIMP	10/613,757	7/2/03	7,035,510	4/25/06
2316.1789		US	FIBEROPTIC FURCATION DEVICE WITH CRIMP	10/942,257	9/14/04	6,909,828	6/21/05
2316.1793		US	SLIDE ARRANGEMENT FOR CABLE DRAWER	13/245,202	9/26/11	8,639,081	1/28/14
2316.1793		US	SLIDE ARRANGEMENT FOR CABLE DRAWER	14/151,422	1/9/14		
2316.1793		US	SLIDE ARRANGEMENT FOR CABLE DRAWER	10/631,675	7/31/03	7,171,099	1/30/07
2316.1793		US	SLIDE ARRANGEMENT FOR CABLE DRAWER	11/635,946	12/8/06	7,308,184	12/11/07
2316.1793		US	SLIDE ARRANGEMENT FOR CABLE DRAWER	11/985,129	11/13/07	7,499,623	3/3/09
2316.1793		US	SLIDE ARRANGEMENT FOR CABLE DRAWER	12/380,592	2/27/09	7,869,683	1/11/11
2316.1793		US	SLIDE ARRANGEMENT FOR CABLE DRAWER	12/930,386	1/4/11	8,027,558	9/27/11
2316.1794		US	RUGGEDIZED FIBER OPTIC CONNECTION	10/658,739	9/8/03	6,962,445	11/8/05
2316.1794		US	RUGGEDIZED FIBER OPTIC CONNECTION	11/981,850	10/31/07	RE42,522	7/5/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1794		US	RUGGEDIZED FIBER OPTIC CONNECTION	13/175,449	7/1/11		
2316.1795		US	TRIAXIAL BULKHEAD CONNECTOR	10/640,472	8/12/03	6,942,491	9/13/05
2316.1795		US	TRIAXIAL BULKHEAD CONNECTOR	11/135,910	5/23/05	6,997,744	2/14/06
2316.1799		US	COVER FOR CABLE TROUGH	10/703,157	11/5/03	6,835,891	12/28/04
2316.1799		US	COVER FOR CABLE TROUGH	11/011,735	12/14/04	7,060,901	6/13/06
2316.1799		US	COVER FOR CABLE TROUGH	11/276,593	3/7/06	7,411,126	8/12/08
2316.1801		US	FIBER OPTIC CABLE AND FURCATION MODULE	10/658,802	9/8/03	6,885,798	4/26/05
2316.1801		US	FIBER OPTIC CABLE AND FURCATION MODULE	11/071,648	3/2/05	8,311,379	11/13/12
2316.1801		US	FIBER OPTIC CABLE AND FURCATION MODULE				
2316.18		US	FIBER OPTIC FURCATION MODULE	14/834155	8/24/15		
2316.1802		US	CONNECTOR REMOVAL TOOL	10/827,964	4/19/04	7,257,888	8/21/07
2316.1802		US	CONNECTOR REMOVAL TOOL	13/027,877	2/15/11	8,434,218	5/7/13
2316.1802		US	METHOD OF REMOVING A TELECOMMUNICATIONS CONNECTOR	11/777,811	7/13/07	7,900,332	3/8/11
2316.1807		US	COAXIAL/TRIAXIAL ADAPTER ASSEMBLY INCLUDING AN ADAPTER AND INTERCHANGEABLE CONNECTOR ENDS AND METHOD	10/809,665	3/25/04	7,070,448	7/4/06
2316.1808		US	JACK WITH MODULAR MOUNTING SLEEVE	10/700,366	11/3/03	6,848,948	2/1/05
2316.1808		US	JACK WITH MODULAR MOUNTING SLEEVE	10/990,814	11/17/04	6,953,368	10/11/05
2316.1808		US	JACK WITH MODULAR MOUNTING SLEEVE	11/246,767	10/7/05	7,108,561	9/19/06
2316.1808		US	JACK WITH MODULAR MOUNTING SLEEVE	11/488,448	7/17/06	7,371,124	5/13/08
2316.1808		US	JACK WITH MODULAR MOUNTING SLEEVE	12/150,755	4/29/08	7,780,479	8/24/10
2316.1808		US	JACK WITH MODULAR MOUNTING SLEEVE	12/858,002	8/17/10	8,105,115	1/31/12
2316.1809		US	FIBER ACCESS TERMINAL	11/068,724	2/28/05		
2316.1810		US	COAXIAL CABLE Y-SPLITTER ASSEMBLY WITH AN INTEGRAL SPLITTER BODY AND METHOD	10/809,666	3/25/04	7,086,898	8/8/06
2316.1810		US	COAXIAL CABLE-Y SPLITTER ASSEMBLY WITH TRANSVERSE OPENING	11/489,057	7/18/06	7,244,145	7/17/07
2316.1811		US	PATCH PANEL CHASSIS	10/714,502	11/13/03	7,495,931	2/24/09
2316.1811		US	PATCH PANEL CHASSIS	12/378,398	2/13/09	7,715,210	5/11/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1812		US	MULTI-INTERFACE PATCH PANEL SYSTEM	10/714,538	11/13/03	7,054,163	5/30/06
2316.1815		US	COAXIAL CONNECTOR ORIENTATION INDICATOR	10/717,996	11/20/03		
2316.1815		US	COAXIAL CONNECTOR ORIENTATION INDICATOR	60/518,987	11/10/03		
2316.1816		US	MODULE WITH INTERCHANGEABLE CARD	10/714,583	11/13/03	7,453,706	11/18/08
2316.1820		US	HOLE ADAPTER FOR A PRINTED CIRCUIT BOARD	10/839,993	5/5/04		
2316.1821		US	HIGH DENSITY OPTICAL FIBER DISTRIBUTION FRAME WITH MODULES	10/745,918	12/23/03	6,920,274	7/19/05
2316.1821		US	HIGH DENSITY OPTICAL FIBER DISTRIBUTION FRAME WITH MODULES	11/151,932	6/13/05	7,142,765	11/28/06
2316.1821		US	FIBER OPTIC MODULE	11/411,414	4/25/06	7,367,823	5/6/08
2316.1821		US	FIBER OPTIC TERMINATION MODULE WITH RETENTION MECHANISM	12/077,801	3/20/08	7,555,193	6/30/09
2316.1821		US	Fiber optic termination system with retention mechanism	12/495,355	6/30/09	7,822,313	10/26/10
2316.1821		US	FIBER OPTIC TERMINATION SYSTEM WITH RETENTION MECHANISM	12/911,404	10/25/10	7,983,521	7/19/11
2316.1821		US	FIBER OPTIC TERMINATION SYSTEM	13/155,978	6/8/11	8,358,900	1/22/13
2316.1822		US	HIGH DENSITY PATCHING SYSTEM WITH LONGFRAME JACKS	10/894,866	7/20/04	7,044,803	5/16/06
2316.1823		US	SERVICE BLOCKER DEVICE AND METHOD	11/010,460	12/13/04	7,167,628	1/23/07
2316.1823		US	SERVICE BLOCKER DEVICE AND METHOD	11/636,372	12/8/06	7,352,948	4/1/08
2316.1823		US	SERVICE BLOCKER DEVICE AND METHOD	12/080,252	3/31/08	7,756,383	7/13/10
2316.1825		US	PROTECTIVE BOOT AND UNIVERSAL CAP				
2316.1825		US	PROTECTIVE BOOT AND UNIVERSAL CAP	10/775,759	2/9/04	7,090,516	8/15/06
2316.1825		US	PROTECTIVE BOOT AND UNIVERSAL CAP	11/488,445	7/17/06	7,226,300	6/5/07
2316.1825		US	PROTECTIVE BOOT AND UNIVERSAL CAP	11/789,631	4/25/07	7,407,412	8/5/08
2316.1825		US	PROTECTIVE BOOT AND UNIVERSAL CAP	12/181,777	7/29/08	7,674,121	3/9/10
2316.1826		US	MODULAR MOUNTING SLEEVE FOR JACK	11/112,627	4/21/05	7,074,080	7/11/06
2316.1826		US	MODULAR MOUNTING SLEEVE FOR JACK	11/144,351	6/3/05	7,083,469	8/1/06
2316.1826		US	MODULAR MOUNTING SLEEVE FOR JACK	11/484,890	7/11/06	7,329,148	2/12/08
2316.1826		US	MODULAR MOUNTING SLEEVE FOR JACK	12/008,977	1/14/08	7,632,142	12/15/09
2316.1828		US	NORMAL THROUGH OPTICAL PANEL	10/826,152	4/16/04		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1829		US	HINGE CLIP FOR CABLE TROUGH COVER	10/776,678	2/10/04	7,041,897	5/9/06
2316.1829		US	HINGE CLIP FOR CABLE TROUGH COVER	11/276,594	3/7/06	7,326,863	2/5/08
2316.1830		US	Patch panel module and chassis	11/071,812	3/2/05	7,570,487	8/4/09
2316.1832		US	WDM SYSTEMS AND METHODS	10/791,365	3/1/04	7,646,981	1/12/10
2316.1832		US	WDM SYSTEMS AND METHODS (CWDM)	12/685,458	1/11/10	8,000,603	8/16/11
2316.1845		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER AND METHODS	10/823,402	4/12/04	6,944,383	9/13/05
2316.1848		US	HINGE FOR CABLE TROUGH COVER	10/840,698	5/5/04	6,916,986	7/12/05
2316.1850		US	DSX MODULE WITH PERFORMANCE MONITORING	10/895,246	7/19/04	7,764,781	7/27/10
2316.1851		US	DIGITAL CROSS-CONNECT SYSTEM AND RACK ARRANGEMENT	10/952,458	9/27/04		
2316.1852		US	HIGH DENSITY MOUNT FOR A CO-AXIAL CONNECTOR	10/951,736	9/27/04	7,029,323	4/18/06
2316.1852		US	HIGH DENSITY MOUNT FOR A CO-AXIAL CONNECTOR	11/373,499	3/9/06	7,384,305	6/10/08
2316.1852		US	HIGH DENSITY MOUNT FOR A CO-AXIAL CONNECTOR	12/156,945	6/4/08	7,674,131	3/9/10
2316.1855		US	POWER SOURCING UNIT FOR POWER OVER ETHERNET SYSTEM	10/843,216	5/11/04	7,316,586	1/8/08
2316.1855		US	POWER SOURCING UNIT FOR POWER OVER ETHERNET SYSTEM	11/930,791	10/31/07	7,942,701	5/17/11
2316.1857		US	FIBER OPTIC CABLE STRIPPER	11/888,649	7/31/07	7,681,476	3/23/10
2316.1860		US	FIBER OPTIC FURCATION TUBE AND METHOD	10/868,663	6/15/04	7,280,725	10/9/07
2316.1861		US	FIBER OPTIC FURCATION DEVICE INCLUDING EXPANSION CHAMBER	11/064,164	2/23/05	7,505,663	3/17/09
2316.1861		US	FIBER OPTIC FURCATION DEVICE INCLUDING EXPANSION CHAMBER	12/152,643	5/14/08		
2316.1863		US	TELECOMMUNICATIONS CABINET WITH CONNECTOR STORAGE	13/460,042	4/30/12	8,538,228	9/17/13
2316.1863		US	TELECOMMUNICATIONS CABINET WITH CONNECTOR STORAGE	13/961,105	8/7/13	8,818,158	8/26/14
2316.1863		US	TELECOMMUNICATIONS CABINET WITH CONNECTOR STORAGE	14/251,035	4/11/14		
2316.1863		US	TELECOMMUNICATIONS CABINET WITH CONNECTOR STORAGE	14/566,218	12/10/14		
2316.1863		US	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	10/871,555	6/18/04	7,218,827	5/15/07
2316.1863		US	FIBER OPTIC SPLITTER	11/399,944	4/7/06	7,277,620	10/2/07
2316.1863		US	FIBER OPTIC SPLITTER	11/835,858	8/8/07	7,515,805	4/7/09
2316.1863		US	Increasing capacity of a telecommunications cabinet	11/835,882	8/8/07	7,519,259	4/14/09

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1863		US	TELECOMMUNICATIONS CABINET WITH CONNECTOR STORAGE	12/194,328	8/19/08	7,809,233	10/5/10
2316.1863		US	TELECOMMUNICATIONS CABINET WITH CONNETOR STORAGE	12/392,575	2/25/09	7,809,234	10/5/10
2316.1863		US	TELECOMMUNICATIONS CONNECTION CABINET	12/417,086	4/2/09	7,826,706	11/2/10
2316.1863		US	TELECOMMUNICATIONS CABINET WITH CONNECTOR STORAGE	12/897,424	10/4/10	8,184,940	5/22/12
2316.1868		US	HIGH DENSITY COAXIAL SWITCHING JACK	13/269,920	10/10/11	8,360,792	1/29/13
2316.1868		US	HIGH DENSITY COAXIAL SWITCHING JACK	11/109,839	4/18/05	7,175,455	2/13/07
2316.1868		US	HIGH DENSITY COAXIAL SWITCHING JACK	11/651,936	1/10/07	7,410,378	8/12/08
2316.1868		US	HIGH DENSITY COAXIAL SWITCHING JACK	12/221,448	8/1/08	7,604,514	10/20/09
2316.1868		US	HIGH DENSITY COAXIAL SWITCHING JACK	12/580,906	10/16/09	8,033,848	10/11/11
2316.1868		US	HIGH DENSITY COAXIAL SWITCHING JACK	60/671,849	4/15/05		
2316.1869		US	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	10/938,136	9/10/04	7,213,975	5/8/07
2316.1869		US	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	11/732,124	4/2/07	7,520,678	4/21/09
2316.1869		US	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	12/421,106	4/19/09	8,147,147	4/3/12
2316.1870		US	MODULES INCLUDING MULIPLE ROWS OF ADAPTERS FOR HIGH DENSITY OPTICAL FIBER DISTRIBUTION FRAME	10/914,720	8/9/04	7,376,321	5/20/08
2316.1870		US	MODULES INCLUDING MULTIPLE ROWS OF ADAPTERS FOR HIGH DENSITY OPTICAL FIBER DISTRIBUTION FRAME	12/080,760	4/4/08	8,139,913	3/20/12
2316.1874		US	WDM SYSTEMS AND METHODS	10/938,417	9/9/04	7,302,149	11/27/07
2316.1874		US	WDM SYSTEMS AND METHODS	11/930,248	10/31/07	7,565,052	7/21/09
2316.1875		US	FIBER OPTIC CABLE THERMAL PROTECTION DEVICE AND METHOD	10/930,682	8/31/04	7,221,832	5/22/07
2316.1875		US	FIBER OPTIC CABLE THERMAL PROTECTION DEVICE AND METHOD	11/562,177	11/21/06	7,440,669	10/21/08
2316.1884		US	Low loss data cable	09/369,456	8/6/99	6,211,467	4/3/01
2316.1884		US	Low loss data cable	60/095,816	8/6/98		
2316.1887		US	CONTAINER WITH IMPROVED HAND HOLE	09/368,615	8/4/99	6,237,840	5/29/01
2316.1888		US	CABLE WITH OFFSET FILLER	13/763,246	2/8/13		
2316.1888		US	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	10/746,757	12/26/03	7,115,815	10/3/06

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1888		US	CABLE WITH OFFSET FILLER	10/746,800	12/26/03	7,214,884	5/8/07
2316.1888		US	CABLE WITH OFFSET FILLER	11/088,285	3/24/05	7,220,918	5/22/07
2316.1888		US	CABLE WITH OFFSET FILLER	11/088,471	3/24/05	7,220,919	5/22/07
2316.1888		US	CABLE WITH OFFSET FILLER	11/185,572	7/19/05	7,329,815	2/12/08
2316.1888		US	CABLE WITH OFFSET FILLER	11/645,446	12/26/06	7,498,518	3/3/09
2316.1888		US	CABLE WITH OFFSET FILLER	12/380,591	2/27/09	7,875,800	1/25/11
2316.1888		US	CABLE WITH OFFSET FILLER	12/930,837	1/17/11	8,375,694	2/19/13
2316.1888		US	CABLE WITH OFFSET FILLER	11/210,440	8/23/05		
2316.1888		US	CABLE WITH OFFSET FILLER	60/516,007	10/31/03		
2316.1889		US	METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS	13/758,338	2/4/13		
2316.1889		US	METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS	10/783,853	2/20/04	7,187,766	3/6/07
2316.1889		US	METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS	11/702,901	2/6/07	8,073,136	12/6/11
2316.1889		US	METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS	12/336,373	12/16/08	8,369,513	2/5/13
2316.1889		US	METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS	11/058,902	2/15/05		
2316.1891		US	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	10/783,529	2/20/04	7,232,340	6/19/07
2316.1891		US	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	11/804,892	5/21/07	7,604,503	10/20/09
2316.1891		US	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	11/998,174	11/27/07	7,510,438	3/31/09
2316.1891		US	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	12/569,218	9/29/09		
2316.1892		US	Cable with twisting filler and shared sheath	09/835,708	4/16/01	6,462,268	10/8/02
2316.1893		US	High performance data cable	09/062,059	4/17/98	6,150,612	11/21/00
2316.1894		US	Tuned patch cable	09/578,585	5/25/00	6,365,838	4/2/02
2316.1894		US	Tuned patch cable	10/055,846	1/23/02	6,555,753	4/29/03

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1894		US	Tuned patch cable	60/137,132	5/28/99		
2316.1895		US	Low delay skew multi-pair cable and method of manufacture	09/578,982	5/25/00	6,323,427	11/27/01
2316.1895		US	Low delay skew multi-pair cable and method of manufacture	60/136,674	5/28/99		
2316.1896		US	Optimizing lan cable performance	09/322,857	5/28/99	6,153,826	11/28/00
2316.1897		US	Cable assembly with molded stress relief and method for making the same	09/578,765	5/25/00	6,431,904	8/13/02
2316.1897		US	Cable assembly with molded stress relief and method for making the same	60/136,555	5/28/99		
2316.1898		US	SYSTEM AND METHOD OF DELIVERING DSL SERVICES	10/301,960	11/22/02	7,155,004	12/26/06
2316.1898		US	SYSTEM AND METHOD OF PROVIDING DSL SERVICES ON A TELEPHONE NETWORK	10/725,108	12/1/03	7,409,053	8/5/08
2316.1898		US	SYSTEM AND METHOD OF DELIVERING DSL SERVICES	11/601,455	11/17/06	7,412,052	8/12/08
2316.1898		US	SYSTEM AND METHOD OF PROVIDING DSL SERVICES ON A TELEPHONE NETWORK	12/218,505	7/14/08	7,742,397	6/22/10
2316.1898		US	SYSTEM AND METHOD FOR DELIVERING DSL SERVICES	12/218,977	7/16/08	7,684,557	3/23/10
2316.1899		US	Modular Jack with wire management	10/435,940	5/12/03	6,830,488	12/14/04
2316.1905		US	Interface device for testing a telecommunication circuit	10/603,463	6/25/03	7,200,205	4/3/07
2316.1905		US	Interface device for testing a telecommunication circuit	11/725,573	3/19/07	7,961,846	6/14/11
2316.1906		US	Cable with twisting filler	09/370,631	8/6/99	6,259,031	7/10/01
2316.1906		US	Cable with twisting filler	60/095,818	8/6/98		
2316.1911		US	OUTSIDE PLANT FIBER OPTIC CABLE WITH THERMAL PROTECTION	10/983,157	11/3/04	7,269,319	9/11/07
2316.1912		US	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	13/236,026	9/19/11	8,331,753	12/11/12
2316.1912		US	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	13/709,402	12/10/12	8,705,928	4/22/14
2316.1912		US	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	14/223,185	3/24/14		
2316.1912		US	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	10/980,978	11/3/04	7,376,322	5/20/08
2316.1912		US	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	12/150,757	4/29/08	7,593,614	9/22/09
2316.1912		US	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	12/561,676	9/17/09	8,023,791	9/20/11
2316.1914		US	FIBER OPTIC ADAPTER INCLUDING REMOVABLE MOUNT	11/049,021	2/1/05		
2316.1924		US	RADIUS LIMITER AND ARRANGEMENT	11/069,886	2/28/05	7,319,804	1/15/08

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1925		US	OPTICAL FIBER SLACK STORAGE TRAY FOR DISTRIBUTION CABINET	10/980,981	11/3/04	7,171,100	1/30/07
2316.1925		US	OPTICAL FIBER SLACK STORAGE TRAY FOR DISTRIBUTION CABINET	11/638,179	12/13/06	7,295,747	11/13/07
2316.1951		US	CABLE MANAGEMENT ASSEMBLY, SYSTEM AND METHOD	11/101,143	4/7/05	7,677,400	3/16/10
2316.1951		US	CABLE MANAGEMENT ASSEMBLY, SYSTEM AND METHOD	12/657,613	1/21/10	8,899,424	12/2/14
2316.1953		US	RF SWITCH POWER INDICATOR	60/710,955	8/24/05		
2316.1954		US	TELECOMMUNICATIONS CABLE JACKET ADAPTED FOR POST-EXTRUSION INSERTION OF OPTICAL FIBER AND METHODS FOR MANUFACTURING THE SAME	11/056,380	2/11/05	7,225,534	6/5/07
2316.1954		US	TELECOMMUNICATIONS CABLE JACKET ADAPTED FOR POST-EXTRUSION INSERTION OF OPTICAL FIBER AND METHODS FOR MANUFACTURING THE SAME	12/242,162	9/30/08	7,869,678	1/11/11
2316.1954		US	TELECOMMUNICATIONS CABLE JACKET ADAPTED FOR POST-EXTRUSION INSERTION OF OPTICAL FIBER AND METHODS FOR MANUFACTURING THE SAME	11/757,680	6/4/07		
2316.1954		US	TELECOMMUNICATIONS CABLE JACKET ADAPTED FOR POST-EXTRUSION INSERTION OF OPTICAL FIBER AND METHODS FOR MANUFACTURING THE SAME	13/004,130	1/11/11		
2316.1955		US	LOW SHRINK TELECOMMUNICATIONS CABLE AND METHODS FOR MANUFACTURING THE SAME	13/333,062	12/21/11	8,326,104	12/4/12
2316.1955		US	LOW SHRINK TELECOMMUNICATIONS CABLE AND METHODS FOR MANUFACTURING THE SAME	13/692,022	12/3/12	8,798,416	8/5/14
2316.1955		US	LOW SHRINK TELECOMMUNICATIONS CABLE AND METHODS FOR MANUFACTURING THE SAME	14/446,554	7/30/14		
2316.1955		US	LOW SHRINK TELECOMMUNICATIONS CABLE AND METHODS FOR MANUFACTURING THE SAME	11/039,122	1/18/05	7,379,642	5/27/08
2316.1955		US	LOW SHRINK TELECOMMUNICATIONS CABLE AND METHODS FOR MANUFACTURING THE SAME	12/115,374	5/5/08	7,566,474	7/28/09
2316.1955		US	LOW SHRINK TELECOMMUNICATIONS CABLE AND METHODS FOR MANUFACTURING THE SAME	12/492,788	6/26/09	7,869,677	1/11/11
2316.1955		US	LOW SHRINK TELECOMMUNICATIONS CABLE AND METHODS FOR MANUFACTURING THE SAME	12/987,600	1/10/11	8,090,232	1/3/12
2316.1980		US	SYSTEM AND METHOD FOR GROUNDING STORAGE TRAYS	11/489,940	7/20/06	7,454,113	11/18/08

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1980		US	SYSTEM AND METHOD FOR GROUNDING STORAGE TRAYS	12/290,233	10/28/08	7,899,297	3/1/11
2316.1980		US	SYSTEM AND METHOD FOR GROUNDING STORAGE TRAYS	12/931,047	1/20/11	8,666,215	3/4/14
2316.1981		US	SLIDE ARRANGEMENT FOR CABLE DRAWER	11/543,457	10/4/06	7,409,137	8/5/08
2316.2037		US	Shared sheath digital transport termination cable	09/386,878	8/31/99	6,566,606	5/20/03
2316.2039		US	FIBER ACCESS TERMINAL	11/009,952	12/10/04		
2316.2068		US	High speed polypropylene wire insulation formulation and method of making the same	09/655,714	9/5/00	6,448,499	9/10/02
2316.2069		US	LOOP PLUG	11/342,335	1/27/06	7,172,453	2/6/07
2316.2069		US	LOOP PLUG	60/648,379	1/27/05		
2316.2076		US	DATA CABLE	08/918,866	8/26/97	5,990,419	11/23/99
2316.2076		US	DATA CABLE	60/024,580	8/26/96		
2316.2077		US	NORMAL THROUGH OPTICAL PANEL	11/080,141	3/15/05	7,412,147	8/12/08
2316.2077		US	NORMAL THROUGH OPTICAL PANEL	12/171,390	7/11/08	7,587,116	9/8/09
2316.2078		US	CABLE MANAGEMENT BAR AND PATCH PANEL	11/097,648	4/1/05	7,091,418	8/15/06
2316.2078		US	CABLE MANAGEMENT BAR AND PATCH PANEL	11/426,614	6/27/06	7,200,931	4/10/07
2316.2079		US	POWER SOURCING UNIT FOR POWER OVER ETHERNET SYSTEM	11/091,893	3/28/05		
2316.2082		US	SPLIT CABLE SEAL	11/098,031	4/1/05	7,132,605	11/7/06
2316.2082		US	SPLIT CABLE SEAL	11/546,022	10/11/06	7,273,985	9/25/07
2316.2082		US	SPLIT CABLE SEAL	11/840,003	8/16/07	7,937,818	5/10/11
2316.2089		US	FIBER OPTIC SPLICE TRAY	11/089,437	3/24/05		
2316.2090		US	DUST PLUG FOR HARDENED FIBER OPTIC CONNECTOR	11/391,707	3/28/06	7,394,964	7/1/08
2316.2090		US	DUST PLUG FOR HARDENED FIBER OPTIC CONNECTOR	60/714,513	3/28/05		
2316.2092		US	ADAPTER BLOCK INCLUDING CONNECTOR STORAGE	11/095,033	3/31/05	7,194,181	3/20/07
2316.2092		US	ADAPTER BLOCK INCLUDING CONNECTOR STORAGE	11/725,128	3/15/07	7,941,026	5/10/11
2316.2095		US	PACKAGING ARRANGEMENT PILLOW PACK MAILER	11/151,866	6/13/05	7,451,909	11/18/08
2316.2096		US	GROUNDING DEVICE FOR ARMORED CABLE	11/157,561	6/21/05	7,492,996	2/17/09
2316.2096		US	GROUNDING DEVICE FOR ARMORED CABLE	12/369,126	2/11/09	8,023,793	9/20/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2105		US	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	11/107,414	4/15/05	7,393,144	7/1/08
2316.2105		US	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	12/156,946	6/4/08	7,798,725	9/21/10
2316.2106		US	CONVERSION MODULE AND CHASSIS ARRANGEMENT, AND RELATED METHODS	11/107,341	4/15/05	7,813,143	10/12/10
2316.2106		US	CONVERSION MODULE AND CHASSIS ARRANGEMENT, AND RELATED METHODS	12/924,877	10/6/10	8,116,095	2/14/12
2316.2107		US	GROUNDING LUG FOR ARMORED CABLE AND METHOD	11/157,759	6/21/05	7,284,994	10/23/07
2316.2107		US	GROUNDING LUG FOR ARMORED CABLE AND METHOD	11/975,258	10/18/07	7,559,774	7/14/09
2316.2109		US	FIBER OPTIC CONNECTOR HOLDER	11/190,511	7/26/05	7,583,883	9/1/09
2316.2109		US	FIBER OPTIC CONNECTOR HOLDER	12/507,292	7/22/09	7,945,137	5/17/11
2316.2109		US	FIBER OPTIC CONNECTOR HOLDER	13/079,245	4/4/11	8,391,664	3/5/13
2316.2113		US	CABLE TROUGH SYSTEM AND METHOD	14/601581	1/21/15		
2316.2113		US	CABLE TROUGH SYSTEM AND METHOD	11/246,003	10/7/05	7,471,868	12/30/08
2316.2113		US	CABLE TROUGH SYSTEM AND METHOD	12/275,979	11/21/08	7,668,433	2/23/10
2316.2113		US	CABLE TROUGH SYSTEM AND METHOD	12/705,849	2/15/10		
2316.2113		US	Fiber Trough Horizontal Cross Component	29/328,318	11/21/08	D609,192	2/2/10
2316.2114		US	FIBER OPTIC SPLITTER MODULE	13/471,093	5/14/12	8,520,997	8/27/13
2316.2114		US	FIBER OPTIC SPLITTER MODULE	14/601,581	1/21/15		
2316.2114		US	FIBER OPTIC SPLITTER MODULE	11/138,063	5/25/05	7,400,813	7/15/08
2316.2114		US	FIBER OPTIC SPLITTER MODULE	12/150,313	4/24/08	7,835,611	11/16/10
2316.2114		US	FIBER OPTIC SPLITTER MODULE	12/946,594	11/15/10	8,180,192	5/15/12
2316.2115		US	FIBER OPTIC ADAPTER MODULE				
2316.2115		US	FIBER OPTIC ADAPTER MODULE	11/138,889	5/25/05	7,376,323	5/20/08
2316.2115		US	FIBER OPTIC ADAPTER MODULE	12/152,840	5/15/08	7,706,656	4/27/10
2316.2115		US	FIBER OPTIC ADAPTER MODULE	12/757,260	4/9/10	8,121,457	2/21/12
2316.2116		US	FIBER OPTIC ADAPTER MODULE	11/191,153	7/27/05	7,416,349	8/26/08
2316.2117		US	OUTSIDE PLANT FIBER DISTRIBUTION ENCLOSURE WITH RADIAL ARRANGEMENT	11/137,855	5/25/05	7,260,301	8/21/07

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2117		US	OUTSIDE PLANT FIBER DISTRIBUTION ENCLOSURE WITH RADIAL ARRANGEMENT	11/894,812	8/21/07		
2316.2119		US	UNDERGROUND ENCLOSURE MOUNTING SYSTEM	11/137,117	5/25/05	7,330,625	2/12/08
2316.2119		US	UNDERGROUND ENCLOSURE MOUNTING SYSTEM	12/008,924	1/14/08	7,483,617	1/27/09
2316.2121		US	FIBER SERVICE BLOCKER	11/138,667	5/25/05	7,349,619	3/25/08
2316.2121		US	FIBER SERVICE BLOCKER	12/011,143	1/23/08	7,672,563	3/2/10
2316.2122		US	BELOW GROUND FDT WITH 4-BAR LINKAGE LIFT ASSIST	60/685,011	5/25/05		
2316.2126		US	SYSTEMS AND METHODS FOR LIFTING A TERMINAL ENCLOSURE IN BELOW GROUND APPLICATIONS	11/137,132	5/25/05	7,333,320	2/19/08
2316.2126		US	SYSTEMS AND METHODS FOR LIFTING A TERMINAL ENCLOSURE IN BELOW GROUND APPLICATIONS	12/018,902	1/24/08	7,633,742	12/15/09
2316.2132		US	CABINET ACCESS SENSOR	11/521,579	9/13/06	7,466,890	12/16/08
2316.2134		US	FIBER OPTIC CABLE WITH JACKET EMBEDDED WITH REINFORCING MEMBERS	13/784,044	3/4/13		
2316.2134		US	FIBER OPTIC CABLE WITH JACKET EMBEDDED WITH REINFORCING MEMBERS	12/472,802	5/27/09	8,391,658	3/5/13
2316.2134		US	FIBER OPTIC CABLE WITH JACKET EMBEDDED WITH REINFORCING MEMBERS	14/726,954	6/1/15		
2316.2134		US	CONNECTORIZATION CONFIGURATION AND METHOD	61/056,462	5/28/08		
2316.2136		US	SYSTEM FOR BROADBAND SERVICE DELIVERY	11/212,925	8/26/05	7,522,721	4/21/09
2316.2137		US	FIBER OPTIC ADAPTER MODULES WITH IDENTIFICATION SYSTEM	11/202,415	8/10/05		
2316.2138		US	OPTICAL FIBER PATCH PANEL	469,554	3/23/90	5,011,257	4/30/91
2316.2139		US	CABLE MANAGEMENT PANEL WITH REAR ENTRY	11/196,523	8/2/05	7,397,996	7/8/08
2316.2139		US	CABLE MANAGEMENT PANEL WITH REAR ENTRY	12/157,395	6/9/08	7,599,599	10/6/09
2316.2139		US	CABLE MANAGEMENT PANEL WITH REAR ENTRY	12/586,538	9/22/09		
2316.2140		US	SPLICE CHIP DEVICE	11/212,492	8/25/05	7,272,291	9/18/07
2316.2140		US	SPLICE CHIP DEVICE	11/891,403	8/10/07	7,463,810	12/9/08
2316.2140		US	SPLICE CHIP DEVICE	12/313,510	11/19/08	7,684,669	3/23/10
2316.2143		US	STACKABLE SPLICE CHIP DEVICE	11/212,470	8/25/05	7,310,471	12/18/07

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2143		US	STACKABLE SPLICE CHIP DEVICE	12/002,327	12/14/07	7,421,182	9/2/08
2316.2143		US	STACKABLE SPLICE CHIP DEVICE	12/231,313	8/29/08	7,764,858	7/27/10
2316.2145		US	ENCLOSURE FOR BROADBAND SERVICE DELIVERY SYSTEM	11/212,924	8/26/05	7,643,631	1/5/10
2316.2146		US	CABINET INCLUDING OPTICAL BULHEAD PLATE FOR BLOWN FIBER	11/249,726	10/13/05	7,330,626	2/12/08
2316.2146		US	CABINET INCLUDING OPTICAL BULHEAD PLATE FOR BLOWN FIBER	11/970,439	1/7/08	7,657,148	2/2/10
2316.2146		US	CABINET INCLUDING OPTICAL BULHEAD PLATE FOR BLOWN FIBER	12/693,272	1/25/10	7,869,684	1/11/11
2316.2146		US	CABINET INCLUDING OPTICAL BULHEAD PLATE FOR BLOWN FIBER	60/713,622	8/31/05		
2316.2147		US	CROSS-CONNECT DISTRIBUTION UNIT	60/780,394	3/7/06		
2316.2148		US	DIGITAL ANALOG NETWORK INTERFACE DEVICE	60/705,750	8/5/05		
2316.2149		US	OUTSIDE PLANT ENCLOSURE WITH PIVOTING FIBER TRAYS	11/215,846	8/29/05	7,352,945	4/1/08
2316.2149		US	OUTSIDE PLANT ENCLOSURE WITH PIVOTING FIBER TRAYS	12/072,492	2/25/08	7,574,093	8/11/09
2316.2159		US	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	11/327,296	1/6/06	7,294,024	11/13/07
2316.2159		US	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	11/983,812	11/8/07	7,771,230	8/10/10
2316.2160		US	FIBER OPTIC SPLITTER MODULE WITH CONNECTOR ACCESS	11/215,837	8/29/05	7,346,254	3/18/08
2316.2162		US	SYSTEMS AND METHODS FOR CONNECTING BETWEEN TELECOMMUNICATIONS EQUIPMENT	11/448,173	6/6/06		
2316.2162		US	SYSTEMS AND METHODS FOR CONNECTING BETWEEN TELECOMMUNICATIONS EQUIPMENT	60/711,496	8/26/05		
2316.2170		US	FIBER DEMARCATION BOX WITH CABLE MANAGEMENT	11/243,529	10/3/05	7,190,874	3/13/07
2316.2170		US	FIBER DEMARCATION BOX WITH CABLE MANAGEMENT	11/702,439	2/5/07	7,327,926	2/5/08
2316.2171		US	CRIMPED CENTER CONDUCTOR	11/260,502	10/27/05	7,252,560	8/7/07
2316.2172		US	CONNECTOR INCLUDING MEDIA CONVERTER	11/291,522	12/1/05	7,186,144	3/6/07
2316.2172		US	CONNECTOR INCLUDING MEDIA CONVERTER	11/645,011	12/20/06	7,458,855	12/2/08
2316.2172		US	CONNECTOR INCLUDING MEDIA CONVERTER	12/291,837	11/13/08	7,938,686	5/10/11
2316.2178		US	CABLE WITH TWISTED PAIR CENTERING ARRANGEMENT	11/318,350	12/22/05	7,271,342	9/18/07
2316.2178		US	CABLE WITH TWISTED PAIR CENTERING ARRANGEMENT	11/891,655	8/10/07	7,592,550	9/22/09

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2178		US	CABLE WITH TWISTED PAIR CENTERING ARRANGEMENT	12/586,429	9/21/09		
2316.2179		US	TELECOMMUNICATIONS JACK WITH CROSSTALK COMPENSATION PROVIDED ON A MULTI-LAYER CIRCUIT BOARD	11/402,250	4/11/06	7,402,085	7/22/08
2316.2274		US	CONCENTRIC MULTI-PAIR CABLE WITH SEPARATING FILLER	11/268,681	11/4/05	7,173,189	2/6/07
2316.2274		US	CONCENTRIC MULTI-PAIR CABLE WITH SEPARATING FILLER	11/698,753	1/25/07		
2316.2276		US	SPLICE TRAY ARRANGEMENT	11/292,782	12/2/05	7,274,852	9/25/07
2316.2276		US	SPLICE TRAY ARRANGEMENT	11/729,744	3/29/07	7,457,504	11/25/08
2316.2276		US	SPLICE TRAY ARRANGEMENT	12/290,234	10/28/08	7,620,288	11/17/09
2316.2277		US	SPLITTER MODULES FOR FIBER DISTRIBUTION HUBS	11/321,696	12/28/05	7,245,809	7/17/07
2316.2277		US	SPLITTER MODULES FOR FIBER DISTRIBUTION HUBS	11/762,300	6/13/07	7,526,172	4/28/09
2316.2277		US	Splitter modules for fiber distribution hubs	12/419,838	4/7/09	7,822,312	10/26/10
2316.2277		US	Splitter Mounting Configuration for a Fiber Distribution Hub	12/911,870	10/26/10		
2316.2283		US	FIBER DISTRIBUTION HUB WITH SWING FRAME AND WRAP-AROUND DOORS	14/072,254	11/5/13		
2316.2283		US	FIBER DISTRIBUTION HUB WITH SWING FRAME AND WRAP-AROUND DOORS	11/743,941	5/3/07	7,760,984	7/20/10
2316.2283		US	FIBER DISTRIBUTION HUB WITH SWING FRAME AND WRAP-AROUND DOORS	12/839,852	7/20/10	8,577,198	11/5/13
2316.2283		US	FIBER DISTRIBUTION HUB WITH SWING FRAME AND WRAP-AROUND DOORS	60/797,890	5/4/06		
2316.2290		US	TELECOMMUNICATIONS PATCH PANEL	11/472,816	6/21/06	7,357,667	4/15/08
2316.2290		US	TELECOMMUNICATIONS PATCH PANEL	12/103,393	4/15/08	7,607,938	10/27/09
2316.2290		US	TELECOMMUNICATIONS PATCH PANEL	12/563,279	9/21/09	7,811,122	10/12/10
2316.2296		US	OPTICAL FIBER FUSION SYSTEM	09/861,398	5/24/01	6,827,508	12/7/04
2316.2296		US	METHOD FOR FUSING OPTICAL FIBERS	10/976,396	10/29/04		
2316.2297		US	OPTICAL FIBER ENCLOSURE SYSTEM	10/074,267	2/12/02	6,845,207	1/18/05
2316.2297		US	OPTICAL FIBER ENCLOSURE SYSTEM	11/007,673	12/8/04	7,068,907	6/27/06
2316.2297		US	OPTICAL FIBER ENCLOSURE SYSTEM	60/268,234	2/12/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2297		US	OPTICAL FIBER ENCLOSURE SYSTEM	60/272,993	3/2/01		
2316.2300		US	FIBER DISTRIBUTION DEVICE	13/765,199	2/12/13		
2316.2300		US	PARKING IN FIBER DISTRIBUTION HUBS	14/566,123	10/10/14		
2316.2300		US	STORAGE ADAPTER WITH DUST CAP POSTS	11/203,157	8/15/05	7,369,741	5/6/08
2316.2300		US	FIBER DISTRIBUTION HUBS	11/820,845	6/20/07	7,873,255	1/18/11
2316.2300		US	Equipment layout for fiber distribution hubs	11/820,846	6/20/07	7,471,869	12/30/08
2316.2300		US	Telecommunications apparatus for distributing optical communications signals	11/820,867	6/20/07	7,400,816	7/15/08
2316.2300		US	PARKING IN FIBER DISTRIBUTION HUBS	12/426,723	4/20/09	7,844,161	11/30/10
2316.2300		US	FIBER DISTRIBUTION HUB	12/435,170	5/4/09	7,809,232	10/5/10
2316.2300		US	FIBER DISTRIBUTION DEVICE	12/435,181	5/4/09	7,809,235	10/5/10
2316.2300		US	FIBER DISTRIBUTION HUBS WITH SWING FRAME CHASSIS	12/603,412	10/21/09	8,285,103	10/9/12
2316.2300		US	FIBER DISTRIBUTION DEVICE	12/897,475	10/4/10	8,374,476	2/12/13
2316.2300		US	PIVOTING CONNECTOR STORAGE IN FIBER DISTRIBUTION HUBS	14/814,146	7/30/15		
2316.2300		US	SYSTEMS AND METHODS FOR HINGED PARKING IN FIBER DISTRIBUTION HUBS	60/672,502	4/19/05		
2316.2302		US	COMPACT BLIND MATEABLE OPTICAL SPLITTER (aka Gen 3 Splitter Module)	11/213,772	8/30/05	7,636,507	12/22/09
2316.2302		US	COMPACT BLIND MATEABLE OPTICAL SPLITTER	12/645,086	12/22/09	8,086,085	12/27/11
2316.2302		US	COMPACT OPTICAL SPLITTER (aka Gen 3 Splitter Module)	13/336,358	12/23/11		
2316.2302		US	COMPACT OPTICAL SPLITTER (aka Gen 3 Splitter Module)	60/691,228	6/17/05		
2316.2303		US	FIBER DISTRIBUTION HUB WITH MODULAR TERMINATION BLOCKS	13/251,680	10/3/11	8,498,511	7/30/13
2316.2303		US	PRE-TERMINATED FIBER DISTRIBUTION ASSEMBLIES	12/271,392	11/14/08		
2316.2303		US	FIBER DISTRIBUTION HUB WITH MODULAR TERMINATION BLOCKS	11/513,910	8/30/06	7,623,749	11/24/09
2316.2303		US	FIBER DISTRIBUTION HUB	12/615,672	11/10/09	8,068,712	11/29/11
2316.2303		US	PRE-TERMINATED FIBER DISTRIBUTION ASSEMBLIES	60/712,147	8/30/05		
2316.2306		US	HIGH DENSITY COAXIAL JACK	11/408,613	4/21/06	7,244,131	7/17/07
2316.2306		US	HIGH DENSITY COAXIAL JACK	11/879,219	7/16/07	7,470,133	12/30/08

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2306		US	HIGH DENSITY COAXIAL JACK	12/341,586	12/22/08	7,744,392	6/29/10
2316.2306		US	HIGH DENSITY COAXIAL JACK	12/817,751	6/17/10	7,993,148	8/9/11
2316.2306		US	HIGH DENSITY COAXIAL JACK	13/197,395	8/3/11	8,353,714	1/15/13
2316.2307		US	HIGH DENSITY COAXIAL JACK AND PANEL	11/408,589	4/21/06	7,591,677	9/22/09
2316.2307		US	HIGH DENSITY COAXIAL JACK AND PANEL	12/561,658	9/17/09	8,025,529	9/27/11
2316.2308		US	CABLE CRIMP TOOL	11/322,181	12/28/05		
2316.2310		US	CABLE PREFORM TOOL	11/601,375	11/17/06		
2316.2312		US	Fiber Handling Cart for Cables with Tethers	11/804,714	5/17/07	7,658,345	2/9/10
2316.2312		US	FIBER HANDLING CART FOR CABLE WITH TETHERS	60/801,319	5/18/06		
2316.2313		US	MODULAR POWER DISTRIBUTION SYSTEM AND METHODS	13/901,289	5/23/13		
2316.2313		US	MODULAR POWER DISTRIBUTION SYSTEM AND METHODS	11/654,367	1/17/07	7,554,796	6/30/09
2316.2313		US	MODULAR POWER DISTRIBUTION SYSTEM AND METHODS	12/490,911	6/24/09	7,995,329	8/9/11
2316.2313		US	MODULAR POWER DISTRIBUTION SYSTEM AND METHODS	13/193,246	7/28/11	8,451,590	5/28/13
2316.2313		US	MODULAR POWER DISTRIBUTION SYSTEM AND METHODS	60/760,598	1/20/06		
2316.2313		US	MODULAR POWER DISTRIBUTION SYSTEM AND METHODS	60/762,915	1/27/06		
2316.2314		US	FIBER OPTIC SPLITTER MODULE	13/728,020	12/27/12	8,798,428	8/5/14
2316.2314		US	FIBER OPTIC SPLITTER MODULE	14/335,638	7/18/14		
2316.2314		US	FIBER OPTIC SPLITTER MODULE	11/354,297	2/13/06	7,418,181	8/26/08
2316.2314		US	FIBER OPTIC SPLITTER MODULE	12/229,511	8/22/08	7,606,459	10/20/09
2316.2314		US	FIBER OPTIC SPLITTER MODULE	12/557,937	9/11/09	7,853,112	12/14/10
2316.2314		US	FIBER OPTIC SPLITTER MODULE	12/951,495	11/22/10	8,346,045	1/1/13
2316.2315		US	OPTICAL FIBER ACCESS TOOL	11/448,188	6/7/06	7,620,286	11/17/09
2316.2317		US	MID-SPAN BREAKOUT WITH HELICAL FIBER ROUTING	11/491,428	7/21/06	7,590,321	9/15/09
2316.2317		US	MID-SPAN ACCESS ON OPTIC DISTRIBUTION CABLE WITH HELICAL FIBER ROUTING	60/781,622	3/9/06		
2316.2318		US	MID-SPAN BREAKOUT WITH POTTED CLOSURE	11/490,603	7/21/06	7,424,189	9/9/08

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2318		US	MID-SPAN ACCESS ON OPTIC DISTRIBUTION CABLE WITH POTTED CLOSURE	60/781,621	3/9/06		
2316.2323		US	FIBER ACCESS TERMINAL INCLUDING MOISTURE BARRIER PLATE	11/335,193	1/19/06	7,308,183	12/11/07
2316.2323		US	FIBER ACCESS TERMINAL INCLUDING MOISTURE BARRIER PLATE	11/931,707	10/31/07	8,290,329	10/16/12
2316.2323		US	FIBER ACCESS TERMINAL INCLUDING MOISTURE BARRIER PLATE	60/756,605	1/4/06		
2316.2327		US	METHOD FOR MANUFACTURING PRODUCT MARKERS	11/652,375	1/11/07		
2316.2327		US	METHOD FOR MANUFACTURING PRODUCT MARKERS	60/758,459	1/12/06		
2316.2329		US	Connecting hardware with multi-stage inductive and capacitive crosstalk compensation	11/974,175	10/11/07	7,537,484	5/26/09
2316.2329		US	Connecting Hardware With Multi-Stage Inductive And Capacitive Crosstalk Compensation	12/472,166	5/26/09	7,854,632	12/21/10
2316.2329		US	Connecting Hardware with Multi-Stage Inductive and Capacitive Crosstalk Compensation	12/975,009	12/21/10	8,167,656	5/1/12
2316.2329		US	CONNECTING HARDWARE WITH MULTI-STAGE INDUCTIVE AND CAPACITIVE CROSSTALK COMPENSATION	13/461,353	5/1/12	8,517,767	8/27/13
2316.2329		US	IMPLEMENTATION OF CROSSTALK COMPENSATION IN CONNECTING HARDWARE	60/851,831	10/13/06		
2316.2335		US	LIFTING A TERMINAL ENCLOSURE IN BELOW GROUND APPLICATOINS	12/253,058	10/16/08		
2316.2335		US	LIFTING A TERMINAL ENCLOSURE IN BELOW GROUND APPLICATOINS	60/983,582	10/30/07		
2316.2339		US	CABLE MANAGEMENT DEVICE AND METHOD	11/356,319	2/16/06	7,298,951	11/20/07
2316.2351		US	MULTI-PAIR CABLE WITH CHANNELED JACKETS	11/373,819	3/9/06	7,271,344	9/18/07
2316.2351		US	MULTI-PAIR CABLE WITH CHANNELED JACKETS	11/891,664	8/10/07	7,629,536	12/8/09
2316.2351		US	MULTI-PAIR CABLE WITH CHANNELED JACKETS	12/592,856	12/2/09		
2316.2352		US	Devices and Methods for Measuring Forces Exerted by Ferrules of Optical Connectors	11/564,495	11/29/06	7,505,662	3/17/09
2316.2359		US	DUAL INNER DIAMETER FERRULE DEVICE AND METHOD	13/114,721	5/24/11		
2316.2359		US	DUAL INNER DIAMETER FERRULE DEVICE AND METHOD	11/497,175	8/1/06	7,341,383	3/11/08
2316.2359		US	DUAL INNER DIAMETER FERRULE DEVICE AND METHOD	11/972,373	1/10/08	7,452,137	11/18/08
2316.2359		US	DUAL INNER DIAMETER FERRULE DEVICE AND METHOD	12/271,335	11/14/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2360		US	SYSTEMS AND METHODS FOR SECURING A TETHER TO A DISTRIBUTION CABLE	11/546,528	10/10/06	7,480,436	1/20/09
2316.2361		US	TUBING WRAP PROCEDURE	11/526,952	9/26/06	7,289,714	10/30/07
2316.2363		US	CABLE MANAGEMENT SYSTEM WITH TWIST LATCH	11/510,523	8/25/06	7,764,857	7/27/10
2316.2363		US	CABLE MANAGEMENT SYSTEM WITH TWIST LATCH	12/803,575	6/29/10		
2316.2364		US	CABLE MANAGEMENT SYSTEM WITH SPRING LATCH	11/510,526	8/25/06	7,369,740	5/6/08
2316.2366		US	CABLE MANAGER INCLUDING NESTABLE RADIUS LIMITER	11/397,922	4/3/06	7,359,610	4/15/08
2316.2366		US	CABLE MANAGER INCLUDING NESTABLE RADIUS LIMITER	12/072,085	2/22/08	7,421,183	9/2/08
2316.2366		US	CABLE MANAGER INCLUDING NESTABLE RADIUS LIMITER	12/231,320	8/27/08	7,565,051	7/21/09
2316.2367		US	INTELLIGENT PATCHING SYSTEM AND METHOD	11/725,182	3/16/07	7,869,426	1/11/11
2316.2367		US	INTELLIGENT PATCHING SYSTEM AND METHOD	60/785,410	3/22/06		
2316.2368		US	OVERMOLD ZIP STRIP	12/177,290	7/22/08		
2316.2368		US	OVERMOLD ZIP STRIP	11/580,695	10/13/06	7,403,685	7/22/08
2316.2369		US	POST MOUNT FOR A FIBER DISTRIBUTION HUB	12/326,424	12/2/08		
2316.2369		US	POST MOUNT FOR A FIBER DISTRIBUTION HUB	11/513,911	8/30/06	7,460,759	12/2/08
2316.2370		US	LOOP PLUG	11/408,587	4/21/06	7,175,471	2/13/07
2316.2371		US	UNIVERSAL BRACKET FOR MOUNTING A DROP TERMINAL	11/399,715	4/5/06	7,477,824	1/13/09
2316.2371		US	UNIVERSAL BRACKET FOR MOUNTING A DROP TERMINAL	12/329,254	12/5/08	7,844,160	11/30/10
2316.2371		US	UNIVERSAL BRACKET FOR MOUNTING A DROP TERMINAL	12/910,588	10/22/10	8,218,935	7/10/12
2316.2372		US	CABLE PAYOUT SYSTEMS AND METHODS	11/502,595	8/9/06	7,599,598	10/6/09
2316.2372		US	CABLE PAYOUT SYSTEMS AND METHODS	12/540,961	8/13/09	8,121,456	2/21/12
2316.2378		US	Telecommunications Jack with Crosstalk Compensation and Arrangements for Reducing Return Loss	11/402,300	4/11/06	7,787,615	8/31/10
2316.2379		US	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	11/402,544	4/11/06	7,381,098	6/3/08
2316.2379		US	Method of providing crosstalk compensation in a jack	12/152,600	5/14/08	8,151,457	4/10/12
2316.2379		US	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	13/222,788	8/31/11		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2379		US	TELECOMMUNICATIONS DEVICE	13/222,854	8/31/11	8,403,709	3/26/13
2316.2379		US	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	14/737,681	6/12/15		
2316.2381		US	TWISTED PAIRS CABLE WITH SHIELDING ARRANGEMENT	11/473,370	6/22/06	7,411,131	8/12/08
2316.2381		US	TWISTED PAIRS CABLE WITH SHIELDING ARRANGEMENT	12/228,535	8/12/08	7,763,805	7/27/10
2316.2386		US	COAXIAL SYSTEM WITH KEYING FEATURE	11/408,588	4/21/06	7,163,423	1/16/07
2316.2386		US	COAXIAL SYSTEM WITH KEYING FEATURE	11/645,105	12/20/06	7,329,155	2/12/08
2316.2386		US	COAXIAL SYSTEM WITH KEYING FEATURE	12/069,038	2/6/08	7,500,884	3/10/09
2316.2387		US	DESIGNATION TRAY FOR TELECOMMUNICATIONS PANEL	11/408,595	4/21/06	7,438,592	10/21/08
2316.2390		US	MULTI-PIECE PROTECTIVE MOLD	11/827,374	7/11/07		
2316.2390		US	MULTI-PIECE PROTECTIVE MOLD	60/819,924	7/11/06		
2316.2391		US	RJ to RJ Swing Panel	11/583,987	10/19/06	7,335,056	2/26/08
2316.2392		US	Rotatable Connector Modules with Inverted Jacks	11/583,995	10/19/06	7,455,548	11/25/08
2316.2393		US	CABLE SEAL ASSEMBLY	12/256,796	10/23/08		
2316.2393		US	CABLE SEAL ASSEMBLY	60/982,975	10/26/07		
2316.2396		US	MULTI-PAIR CABLE WITH VARYING LAY LENGTH	11/471,982	6/21/06	7,375,284	5/20/08
2316.2396		US	MULTI-PAIR CABLE WITH VARYING LAY LENGTH	12/121,061	5/15/08	7,550,676	6/23/09
2316.2397		US	THREADED CONNECTOR AND PATCH CORD HAVING A THREADED CONNECTOR	11/511,893	8/29/06	7,413,466	8/19/08
2316.2397		US	Method of assembling a patch cord having a threaded connector	12/156,402	5/30/08	7,712,214	5/11/10
2316.2397		US	THREADED CONNECTOR AND PATCH CORD HAVING A THREADED CONNECTOR	12/798,445	4/5/10	8,137,126	3/20/12
2316.2398		US	OVERVOLTAGE PROTECTION PLUG (US)	13/302,659	11/22/11		
2316.2398		US	Overvoltage protection plug	11/712,234	2/28/07	8,064,182	11/22/11
2316.2399		US	MODULE AND HOUSING FOR DWDM EQUIPMENT	10/035,031	12/21/01	6,901,200	5/31/05
2316.2399		US	MODULE AND HOUSING FOR DWDM EQUIPMENT	60/258,178	12/22/00		
2316.2400		US	OPTICAL FIBER ENCLOSURE SYSTEM USING INTEGRATED OPTICAL CONNECTOR AND COUPLER ASSEMBLY	10/099,862	3/15/02	6,909,833	6/21/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2400		US	OPTICAL FIBER ENCLOSURE SYSTEM USING INTEGRATED OPTICAL CONNECTOR AND COUPLER ASSEMBLY	11/821,515	6/21/07		
2316.2401		US	MODULE FOR FIBER OPTIC EQUIPMENT	29/133,938	12/11/00	D465,455	11/12/02
2316.2402		US	DEVICE WITH HINGED TERMINATION FACE PLATE	60/816,007	6/23/06		
2316.2403		US	MOUNTING SYSTEM FOR TELECOMMUNICATIONS PANELS	11/821,543	6/22/07	7,627,221	12/1/09
2316.2403		US	MOUNTING SYSTEM FOR TELECOMMUNCATIONS PANELS	12/586,135	9/16/09	8,363,996	1/29/13
2316.2403		US	SYSTEM WITH SNAP-FIT PANEL	60/816,055	6/23/06		
2316.2404		US	LATCH AND HANDLE ARRANGEMENT FOR A TELECOMMUNICATIONS PANEL	11/821,542	6/22/07	7,660,507	2/9/10
2316.2404		US	LATCH AND HANDLE ARRANGEMENT FOR A TELECOMMUNICATIONS PANEL	12/655,432	12/29/09	7,970,250	6/28/11
2316.2404		US	LATCH AND HANDLE ARRANGEMENT FOR A TELECOMMUNICATIONS PANEL	60/816,004	6/23/06		
2316.2405		US	SLIDE AND TILT MECHANISM FOR A TELECOMMUNICATIONS PANEL	11/821,570	6/22/07	7,769,266	8/3/10
2316.2405		US	BUILT-IN SLIDE AND TILT MECHANISM FOR A TELECOMMUNICATIONS PANEL	60/815,985	6/23/06		
2316.2406		US	MOUNTING ARRANGEMENT FOR A STANDARD TELECOMMUNICATIONS PANEL	11/821,569	6/22/07	7,950,531	5/31/11
2316.2406		US	MOUNTING ARRANGEMENT FOR A STANDARD TELECOMMUNICATIONS PANEL	60/816,006	6/23/06		
2316.2407		US	CABLE CLAMP	11/821,541	6/22/07	7,779,516	8/24/10
2316.2407		US	CABLE CLAMP	60/816,005	6/23/06		
2316.2408		US	CABLE ROUTING DEVICES WITH INTEGRATED COUPLERS	11/425,625	6/21/06	7,315,680	1/1/08
2316.2408		US	CABLE ROUTING DEVICES WITH INTEGRATED COUPLERS	11/941,667	11/16/07	7,922,129	4/12/11
2316.2408		US	CABLE ROUTING DEVICES WITH INTEGRATED COUPLERS	13/045,694	3/11/11	8,256,723	9/4/12
2316.2410		US	TELECOMMUNICATIONS SYSTEM HAVING A FRAME AND PANEL ARRANGEMENT	60/816,093	6/23/06		
2316.2418		US	POLYETHYLENE TO POLYURETHANE ADHESION PROCESS	11/702,914	2/6/07	7,489,843	2/10/09
2316.2418		US	POLYETHYLENE TO POLYURETHANE ADHESION PROCESS	12/368,373	2/10/09		
2316.2419		US	Factory spliced cable assembly	11/837,862	8/13/07	7,454,106	11/18/08
2316.2419		US	Factory Spliced Cable Assembly	12/180,670	7/28/08	7,840,109	11/23/10
2316.2419		US	FACTORY SPLICED CABLE ASSEMBLY	12/953,341	11/23/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2419		US	Factory Spliced Cable Assembly Using Central Loose Tube Ribbon Cable	60/837,481	8/14/06		
2316.2419		US	Factory Spliced Cable Assembly Using Central Loose Tube Ribbon Cable	60/950,521	7/18/07		
2316.2419		US	Factory Spliced Cable Assembly	60/976,054	9/28/07		
2316.2421		US	ACTIVE SIGNAL CROSS-CONNECT SYSTEM	11/897,954	8/31/07		
2316.2421		US	ACTIVE SIGNAL CROSS-CONNECT SYSTEM	60/842,178	9/1/06		
2316.2422		US	COUPLER FOR CABLE TROUGH	11/677,181	2/21/07	7,481,597	1/27/09
2316.2423		US	COUPLER FOR CABLE TROUGH	11/677,184	2/21/07	7,493,005	2/17/09
2316.2424		US	COUPLER FOR CABLE TROUGH	11/677,188	2/21/07	7,504,583	3/17/09
2316.2425		US	METHOD OF JOINING FIBERGUIDE SECTIONS "U-BRACKET"	11/677,193	2/21/07		
2316.2426		US	COUPLER FOR CABLE TROUGH	11/677,200	2/21/07	7,463,809	12/9/08
2316.2426		US	Coupler for Cable Trough (Centerline Pawl)	11/686,944	3/15/07	7,815,152	10/19/10
2316.2427		US	Coupler for cable trough	11/677,203	2/21/07	7,896,295	3/1/11
2316.2431		US	LAMINATED STAMPING TOOL	11/583,965	10/18/06	7,712,396	5/11/10
2316.2434		US	FUSE AND BREAKER ALARM DEVICE AND METHOD USING A FINITE STATE MACHINE	13/547,916	7/12/12	8,742,940	6/3/14
2316.2434		US	FUSE AND BREAKER ALARM DEVICE AND METHOD USING A FINITE STATE MACHINE	11/602,478	11/20/06	7,633,400	12/15/09
2316.2434		US	FUSE AND BREAKER ALARM DEVICE AND METHOD USING A FINITE STATE MACHINE	12/637,157	12/14/09	8,237,578	8/7/12
2316.2435		US	RESKINNABLE FIBER DISTRIBUTION HUB				
2316.2435		US	Reskinnable Fiber Distribution Hub	11/796,805	4/30/07	7,711,234	5/4/10
2316.2435		US	RESKINNABLE FIBER DISTRIBUTION HUB	12/752,677	4/1/10	8,009,955	8/30/11
2316.2435		US	RESKINNABLE FIBER DISTRIBUTION HUB	13/187,016	7/20/11		
2316.2436		US	FIBER DISTRIBUTION HUB WITH DUAL SWING FRAMES	11/864,182	9/28/07	7,728,225	6/1/10
2316.2436		US	FIBER DISTRIBUTION HUB WITH DUAL SWING FRAMES	12/770,190	4/29/10	7,964,793	6/21/11
2316.2436		US	FIBER DISTRIBUTION HUB WITH DUAL SWING FRAMES	13/114,525	5/24/11	8,357,851	1/22/13
2316.2436		US	FIBER DISTRIBUTION HUB WITH DUAL SWING FRAMES	60/848,902	10/2/06		
2316.2438		US	CABLE MANAGEMENT DRAWER WITH ACCESS PANEL	11/546,538	10/10/06	7,437,049	10/14/08

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2438		US	CABLE MANAGEMENT DRAWER WITH ACCESS PANEL	11/640,477	12/15/06	7,418,182	8/26/08
2316.2438		US	Cable management drawer with access panel	12/218,500	7/14/08	7,715,680	5/11/10
2316.2440		US	HIGH DENSITY TELECOMMUNICATIONS MOUNTING DRAWER	11/584,333	10/20/06	8,727,458	5/20/14
2316.2441		US	LOOP BACK PLUG WITH PROTECTIVE DUST CAP	11/771,306	6/29/07	7,630,610	12/8/09
2316.2442		US	FIBER ACCESS TERMINAL INCLUDING MOISTURE BARRIER PLATE WITH PUNCH OUT	11/585,327	10/23/06	7,330,628	2/12/08
2316.2442		US	FIBER ACCESS TERMINAL INCLUDING MOISTURE BARRIER PLATE WITH PUNCH OUT	12/029,245	2/11/08	7,526,173	4/28/09
2316.2442		US	FIBER ACCESS TERMINAL INCLUDING MOISTURE BARRIER PLATE WITH PUNCH OUT	12/411,109	3/25/09	7,715,683	5/11/10
2316.2443		US	Upgradeable telecommunications patch panel and method of upgrading same	11/973,337	10/5/07	7,479,032	1/20/09
2316.2443		US	Upgradeable telecommunications patch panel and method of upgrading same	12/355,268	1/16/09	7,641,513	1/5/10
2316.2443		US	Upgradeable telecommunications patch panel and method of upgrading same	12/655,893	1/8/10	7,811,123	10/12/10
2316.2443		US	Staggered Plastic Patch Panel with Upgrade features for conversion to Physical Layer Management	60/851,002	10/10/06		
2316.2443		US	UPGRADEABLE PATCH PANEL	60/856,384	11/1/06		
2316.2447		US	Cable Access Tool and Method of Use	12/252,847	10/16/08	8,245,405	8/21/12
2316.2447		US	Cable Access Tool and Method of Use	60/980,224	10/16/07		
2316.2448		US	Loop Back Device and Method of Fabrication	12/358,359	1/23/09	8,036,504	10/11/11
2316.2448		US	Loop Back Device and Method of Fabrication	61/023,608	1/25/08		
2316.2449		US	CABINET ASSEMBLY INCLUDING A SCISSORS LIFT	11/975,363	10/17/07	7,922,269	4/12/11
2316.2449		US	CABINET ASSEMBLY INCLUDING A SCISSORS LIFT	60/852,450	10/17/06		
2316.2450		US	A METHOD OF MANUFACTURING FERRULE ASSEMBLIES	11/649,347	1/2/07	7,566,259	7/28/09
2316.2450		US	A METHOD OF MANUFACTURING FERRULE ASSEMBLIES	12/459,967	7/9/09	7,833,090	11/16/10
2316.2450		US	METHOD OF MANUFACTURING FERRULE ASSEMBLIES	12/924,906	10/6/10	8,002,609	8/23/11
2316.2454		US	Drop Terminal with Anchor Block for Retaining a Stub Cable	11/728,043	3/23/07	7,512,304	3/31/09
2316.2454		US	DROP TERMINAL WITH ANCHOR BLOCK FOR RETAINING A STUB CABLE	12/411,125	3/25/09		
2316.2454		US	DROP TERMINAL WITH ANCHOR BLOCK FOR RETAINING A STUB CABLE	12/851,177	8/5/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2454		US	DROP TERMINAL WITH ANCHOR BLOCK FOR RETAINING A STUB CABLE	13/455,351	4/25/12		
2316.2455		US	Fiber Optic Enclosure Internal Cable Management	11/839,695	8/16/07		
2316.2459		US	Network Interface Device	11/607,676	12/1/06	8,135,256	3/13/12
2316.2460		US	HARDENED FIBER OPTIC CONNECTOR	14/323,135	7/3/14		
2316.2460		US	HARDENED FIBER OPTIC CONNECTOR	11/657,402	1/24/07	7,572,065	8/11/09
2316.2460		US	HARDENED FIBER OPTIC CONNECTOR	12/333,509	12/12/08	8,770,862	7/8/14
2316.2461		US	FIBER OPTIC CABLE CLAMP	11/975,904	10/22/07	7,711,236	5/4/10
2316.2461		US	FIBER OPTIC CABLE CLAMP	12/772,567	5/3/10	8,364,000	1/29/13
2316.2462		US	FIBER DISTRIBUTION ENCLOSURE	11/725,139	3/15/07	7,583,885	9/1/09
2316.2462		US	FIBER DISTRIBUTION ENCLOSURE	60/861,750	11/28/06		
2316.2464		US	Inspecting end surfaces of fiber optic connectors	11/956,516	12/14/07	7,808,624	10/5/10
2316.2464		US	INTERFEROMETER APPLICATION	60/870,280	12/15/06		
2316.2466		US	CABLE TROUGH SYSTEM AND METHOD	11/698,799	1/26/07	7,742,675	6/22/10
2316.2466		US	CABLE TROUGH SYSTEM AND METHOD	12/774,454	5/5/10	8,254,744	8/28/12
2316.2466		US	CABLE TROUGH SYSTEM AND METHOD	13/540,020	7/2/12		
2316.2472		US	MODULAR POWER DISTRIBUTION SYSTEM AND METHODS	11/710,851	2/26/07	7,440,262	10/21/08
2316.2472		US	MODULAR POWER DISTRIBUTION SYSTEM AND METHOD	12/254,585	10/20/08	7,839,623	11/23/10
2316.2472		US	MODULAR POWER DISTRIBUTION SYSTEM AND METHODS	12/951,442	11/22/10	8,320,107	11/27/12
2316.2472		US	MODULAR POWER DISTRIBUTION SYSTEM AND METHODS	60/873,620	12/6/06		
2316.2473		US	FIBER OPTIC CONNECTOR MECHANICAL INTERFACE CONVERTER	11/657,403	1/24/07	7,614,797	11/10/09
2316.2474		US	OVERHEAD CABLE TERMINATION ARRANGEMENT	14/279,926	5/16/14		
2316.2474		US	OVERHEAD CABLE TERMINATION ARRANGEMENT	11/655,757	1/19/07	7,463,812	12/9/08
2316.2474		US	OVERHEAD CABLE TERMINATION ARRANGEMENT	12/291,332	11/7/08	7,899,299	3/1/11
2316.2474		US	OVERHEAD CABLE TERMINATION ARRANGEMENT	12/930,951	1/19/11	8,750,670	6/10/14
2316.2476		US	FIBER OPTIC CONNECTOR WITH PROTECTIVE CAP	12/047,400	3/13/08	7,556,437	7/7/09
2316.2476		US	FIBER OPTIC CONNECTOR WITH PROTECTIVE CAP	60/906,786	3/13/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2481		US	CABLE SPLINT	11/975,370	10/17/07	7,926,797	4/19/11
2316.2481		US	CABLE SPLINT	13/045,415	3/10/11	8,601,670	12/10/13
2316.2482		US	LATERAL STORAGE SPOOL FOR OVERHEAD CABLE PATHWAY	13/277,005	10/19/11	8,376,288	2/19/13
2316.2482		US	LATERAL STORAGE SPOOL FOR OVERHEAD CABLE PATHWAY	12/009,138	1/15/08	8,070,112	12/6/11
2316.2482		US	LATERAL STORAGE SPOOL FOR OVERHEAD CABLE PATHWAY	60/881,414	1/19/07		
2316.2484		US	FIBER OPTIC ADAPTER CASSETTE AND PANEL	13/478,332	5/23/12	8,649,648	2/11/14
2316.2484		US	FIBER OPTIC ADAPTER CASSETTE AND PANEL	11/655,764	1/19/07	7,493,002	2/17/09
2316.2484		US	FIBER OPTIC ADAPTER CASSETTE AND PANEL	12/371,737	2/16/09	8,195,022	6/5/12
2316.2485		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	13/722,373	12/20/12	8,867,884	10/21/14
2316.2485		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	13/722,438	12/20/12		
2316.2485		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	14/617,249	2/9/15		
2316.2485		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	11/655,760	1/19/07	7,570,860	8/4/09
2316.2485		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	11/715,258	3/6/07	7,570,861	8/4/09
2316.2485		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	12/460,161	7/13/09	7,873,252	1/18/11
2316.2485		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	12/460,162	7/13/09	7,873,253	1/18/11
2316.2485		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	12/930,782	1/13/11	8,346,044	1/1/13
2316.2485		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	14/515,182	10/15/14		
2316.2485		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	12/930,783	1/13/11	8,340,490	12/25/12
2316.25		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS				
2316.25		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS				
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2316.25		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS				

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2485		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	14/813,737	7/30/15		
2316.2485		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	14/813,765	7/30/15		
2316.2485		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	14/813,806	7/30/15		
2316.2485		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	14/813,877	7/30/15		
2316.2485		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	14/813,909	7/30/15		
2316.2485		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	14/813,955	7/30/15		
2316.2485		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	14/813,989	7/30/15		
2316.2485		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	14/813,740	7/30/15		
2316.2486		US	RADIUS LIMITER AND ARRANGEMENT	11/714,709	3/6/07	7,509,017	3/24/09
2316.2486		US	RADIUS LIMITER AND ARRANGEMENT	12/381,115	3/6/09	7,760,985	7/20/10
2316.2491		US	FDH Ladder Bracket	60/971,758	9/12/07		
2316.2492		US	METHODS, SYSTEMS AND DEVICES FOR INTEGRATING WIRELESS TECHNOLOGY INTO A FIBER OPTIC NETWORK	13/965,928	8/13/13	8,929,740	1/6/15
2316.2492		US	METHODS, SYSTEMS AND DEVICES FOR INTEGRATING WIRELESS TECHNOLOGY INTO A FIBER OPTIC NETWORK	14/589,648	1/5/15		
2316.2492		US	METHODS, SYSTEMS AND DEVICES FOR INTEGRATING WIRELESS TECHNOLOGY INTO A FIBER OPTIC NETWORK	14/589,648	1/5/15		
2316.2492		US	METHODS, SYSTEMS AND DEVICES FOR INTEGRATING WIRELESS TECHNOLOGY INTO A FIBER OPTIC NETWORK	12/718,818	3/5/10	8,532,490	9/10/13
2316.2492		US	Methods, Systems and Devices for Integrating Wireless Technology into a Fiber Optic Network	61/157,710	3/5/09		
2316.2498		US	HARDENED FIBER OPTIC ADAPTER	11/657,404	1/24/07	7,591,595	9/22/09
2316.2498		US	HARDENED FIBER OPTIC ADAPTER	12/564,752	9/22/09		
2316.2499		US	OPTICAL FIBER PREPARATION DEVICE	11/693,908	3/30/07	7,811,156	10/12/10
2316.2500		US	OPTICAL FIBER INSPECTION TOOL	11/694,614	3/30/07	7,630,066	12/8/09
2316.2501		US	Field Termination Connector with Shaped Adhesive Pre-Form	11/735,260	4/13/07	7,530,746	5/12/09
2316.2501		US	FIELD TERMINATION CONNECTOR WITH SHAPED ADHESIVE PRE-FORM	12/464,352	5/12/09		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2503		US	Field Terminatable Fiber Optic Connector Assembly	13/455,249	4/25/12		
2316.2503		US	Field Terminatable Fiber Optic Connector Assembly	14/611,936	2/2/15		
2316.2503		US	Field Terminatable Fiber Optic Connector Assembly	11/735,267	4/13/07	7,534,050	5/19/09
2316.2503		US	Field Terminatable Fiber Optic Connector Assembly	12/433,081	4/30/09	7,766,556	8/3/10
2316.2503		US	FIELD TERMINATABLE FIBER OPTIC CONNECTOR ASSEMBLY	12/849,633	8/3/10		
2316.2505		US	FIBER TROUGH LATERAL COMPONENT (Design)	29/276,478	1/26/07	D576,106	9/2/08
2316.2506		US	FIBER TROUGH LATERAL COMPONENT	29/276,479	1/26/07	D576,107	9/2/08
2316.2507		US	FIBER TROUGH HORIZONTAL T COMPONENT	29/276,480	1/26/07	D576,559	9/9/08
2316.2508		US	FIBER TROUGH HORIZONTAL T COMPONENT	29/276,481	1/26/07	D576,560	9/9/08
2316.2509		US	Fiber Trough Horizontal T Component	29/276,482	1/26/07	D576,108	9/2/08
2316.2510		US	Fiber Trough Horizontal Cross Component	29/276,483	1/26/07		
2316.2511		US	FIBER TROUGH HORIZONTAL CROSS COMPONENT	29/276,485	1/26/07		
2316.2512		US	FIBER TROUGH BASE	29/276,486	1/26/07	D576,109	9/2/08
2316.2513		US	FIBER TROUGH BASE	29/276,487	1/26/07	D576,956	9/16/08
2316.2514		US	FIBER TROUGH BASE	29/276,488	1/26/07		
2316.2515		US	FIBER TROUGH SNAPS	29/276,489	1/26/07	D577,684	9/30/08
2316.2516		US	FIBER TROUGH SNAPS	29/276,490	1/26/07		
2316.2517		US	FIBER TROUGH SNAPS	29/276,507	1/26/07		
2316.2518		US	Fiber Distribution Hub with Multiple Configurations	12/276,005	11/21/08	8,229,265	7/24/12
2316.2518		US	Fiber Distribution Hub with Multiple Configurations	60/990,609	11/27/07		
2316.2518		US	Fiber Distribution Hub with Multiple Configurations	61/003,955	11/21/07		
2316.2519		US	Modular Optical Wall Box Enclosure	11/762,427	6/13/07	7,493,003	2/17/09
2316.2519		US	Modular Optical Wall Box Enclosure	12/371,782	2/16/09	7,817,895	10/19/10
2316.2519		US	Modular Optical Wall Box Enclosure	60/916,482	5/7/07		
2316.2520		US	UNIVERSAL BRACKET FOR MOUNTING A DROP TERMINAL	11/715,659	3/8/07	7,558,458	7/7/09
2316.2521		US	Flex-X Module with Board Mounted Baluns	11/787,219	4/12/07	7,540,787	6/2/09

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2525		US	Fiber Optic Cable Breakout Configuration with Tensile Reinforcement	11/787,218	4/12/07	7,609,925	10/27/09
2316.2526		US	Fiber Optic Telecommunications Cable Assembly	11/787,217	4/12/07	7,532,799	5/12/09
2316.2527		US	HARDENED FIBER OPTIC HOUSING AND CABLE ASSEMBLY	11/764,490	6/18/07	7,686,519	3/30/10
2316.2527		US	Hardened Fiber Optic Housing and Cable Assembly	12/749,680	3/30/10		
2316.2540		US	OVERVOLTAGE PROTECTION PLUG (Design)				
2316.2540		US	Overvoltage Protection Plug (Design)	29/273,234	2/28/07	D591,691	5/5/09
2316.2541		US	FRAME ARRANGEMENT FOR A TELECOMMUNICATIONS CABINET	11/799,038	4/30/07	7,659,476	2/9/10
2316.2542		US	TELECOMMUNICATION CABINET WITH AIRFLOW DUCTING	11/799,099	4/30/07	7,764,495	7/27/10
2316.2542		US	TELECOMMUNICATION CABINET WITH AIRFLOW DUCTING	12/803,624	6/29/10	8,867,206	10/21/14
2316.2543		US	TWINNING SYSTEM	12/044,000	3/7/08		
2316.2543		US	TWINNING SYSTEM	60/893,492	3/7/07		
2316.2545		US	WALL MOUNT DISTRIBUTION ARRANGEMENT	11/716,393	3/9/07	7,522,805	4/21/09
2316.2545		US	WALL MOUNT BOX WITH SPLITTER	12/381,150	3/6/09	7,831,125	11/9/10
2316.2546		US	TELECOMMUNICATIONS RACK UNIT TRAY	11/716,392	3/9/07	7,509,016	3/24/09
2316.2546		US	TELECOMMUNICATIONS RACK UNIT TRAY	12/381,163	3/6/09	7,813,612	10/12/10
2316.2546		US	TELECOMMUNICATIONS RACK UNIT TRAY	12/924,912	10/6/10	7,974,509	7/5/11
2316.2570		US	REAR DRAWER LATCH	12/082,299	4/8/08	7,567,744	7/28/09
2316.2570		US	REAR DRAWER LATCH	12/460,034	7/9/09	8,150,229	4/3/12
2316.2570		US	REAR DRAWER LATCH	60/933,562	6/6/07		
2316.2577		US	Field Termination Kit	12/101,366	4/11/08	7,676,134	3/9/10
2316.2577		US	FIELD TERMINATION KIT	12/720,361	3/9/10	7,929,819	4/19/11
2316.2577		US	FIELD TERMINATION KIT	13/089,905	4/19/11		
2316.2577		US	Field Termination Kit	60/911,792	4/13/07		
2316.2578		US	MULTIMEDIA ENCLOSURE	12/195,554	8/21/08	8,081,482	12/20/11
2316.2578		US	MULTIMEDIA ENCLOSURE	60/957,975	8/24/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2580		US	MECHANICAL INTERFACE CONVERTER FOR MAKING NON-RUGGEDIZED FIBER OPTIC CONNENCTORS COMPATIBLE WITHA RUGGEDIZED FIBER OPTIC ADAPTER	12/115,966	5/6/08	7,677,814	3/16/10
2316.2580		US	MECHANICAL INTERFACE CONVERTER FOR MAKING NON-RUGGEDIZED FIBER OPTIC CONNENCTORS COMPATIBLE WITHA RUGGEDIZED FIBER OPTIC ADAPTER	12/725,151	3/16/10	8,137,002	3/20/12
2316.2580		US	MECHANICAL INTERFACE CONVERTER FOR MAKING NON-RUGGEDIZED FIBER OPTIC CONNENCTORS COMPATIBLE WITHA RUGGEDIZED FIBER OPTIC ADAPTER	60/916,295	5/6/07		
2316.2580		US	MECHANICAL INTERFACE CONVERTER FOR MAKING NON-RUGGEDIZED FIBER OPTIC CONNENCTORS COMPATIBLE WITHA RUGGEDIZED FIBER OPTIC ADAPTER	60/948,781	7/10/07		
2316.2580		US	Mechanical Interface Converter for Making Non-Ruggedized Fiber Optic Connectors Compatible with a Ruggedized Fiber Optic Adapter	61/003,948	11/21/07		
2316.2583		US	Fiber optic dust cap and dust plug with high power protection	11/758,319	6/5/07	7,565,053	7/21/09
2316.2583		US	Fiber Optic Dust Cap and Dust Plug with High Power Protection	12/505,864	7/20/09	8,041,177	10/18/11
2316.2590		US	INTERFACE CONVERTER FOR SC FIBER OPTIC CONNECTORS				
2316.2590		US	INTERFACE CONVERTER FOR SC FIBER OPTIC CONNECTORS	12/115,982	5/6/08	7,722,258	5/25/10
2316.2590		US	INTERFACE CONVERTER FOR SC FIBER OPTIC CONNECTORS	12/786,948	5/25/10	8,128,294	3/6/12
2316.2590		US	INTERFACE CONVERTER FOR SC FIBER OPTIC CONNECTORS	60/916,296	5/6/07		
2316.2590		US	INTERFACE CONVERTER FOR SC FIBER OPTIC CONNECTORS	60/948,860	7/10/07		
2316.2590		US	INTERFACE CONVERTER FOR SC FIBER OPTIC CONNECTORS	61/004,045	11/21/07		
2316.2595		US	FIBER OPTIC MODULE	12/138,197	6/12/08	7,899,295	3/1/11
2316.2595		US	FIBER OPTIC MODULE	13/036,901	2/28/11	8,238,708	8/7/12
2316.2595		US	FIBER OPTIC MODULE	13/561,894	7/30/12		
2316.2595		US	FIBER OPTIC MODULE	60/944,016	6/14/07		
2316.2599		US	CABLE MANAGEMENT ARRANGEMENT FOR A TELECOMMUNICATIONS CABINET	11/906,317	10/1/07	7,787,260	8/31/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2599		US	CABLE MANAGEMENT ARRANGEMENT FOR A TELECOMMUNICATIONS CABINET	12/806,240	8/5/10	7,995,357	8/9/11
2316.2599		US	CABLE MANAGEMENT ARRANGEMENT FOR A TELECOMMUNICATIONS CABINET	13/176,115	7/5/11	8,520,408	8/27/13
2316.2599		US	CABLE MANAGEMENT ARRANGEMENT FOR A TELECOMMUNICATIONS CABINET	60/959,030	7/9/07		
2316.2600		US	TELECOMMUNICATIONS FRAME INCLUDING AN INTERNAL CABLE TROUGH ASSEMBLY	11/906,330	10/1/07	7,829,787	11/9/10
2316.2600		US	TELECOMMUNICATIONS FRAME INCLUDING AN INTERNAL CABLE TROUGH ASSEMBLY	60/958,902	7/9/07		
2316.2601		US	Mini Drop Terminal	12/248,564	10/9/08	7,844,158	11/30/10
2316.2601		US	DROP TERMINAL RELEASABLE ENGAGEMENT MECHANISM	12/248,612	10/9/08	7,903,923	3/8/11
2316.2601		US	MINI DROP TERMINAL	12/955,701	11/29/10	8,213,761	7/3/12
2316.2601		US	Mini Drop Terminal	60/978,638	10/9/07		
2316.2601		US	DROP TERMINAL RELEASABLE ENGAGEMENT MECHANISM	60/978,642	10/9/07		
2316.2603		US	Fiber Optic Cable with In-Line Fiber Optic Splice	12/170,779	7/10/08		
2316.2603		US	In-Line Fiber Optic Splice	60/948,792	7/10/07		
2316.2604		US	TELECOMMUNICATION WIRE WITH LOW DIELECTRIC CONSTANT INSULATOR	12/171,378	7/11/08	7,816,606	10/19/10
2316.2604		US	TELECOMMUNICATION WIRE WITH LOW DIELECTRIC CONSTANT INSULATOR	12/880,533	9/13/10		
2316.2604		US	Telecommunication Wire with Low Dielectric Constant Insulator	60/949,400	7/12/07		
2316.2609		US	HINGE FOR CABLE TROUGH COVER	12/184,327	8/1/08	7,615,710	11/10/09
2316.2609		US	Hinge for Cable Trough Cover	60/953,368	8/1/07		
2316.2610		US	HINGE FOR CABLE TROUGH COVER	12/183,195	8/1/08	7,612,300	11/3/09
2316.2610		US	HINGE FOR CABLE TROUGH COVER	12/605,743	10/26/09	8,330,042	12/11/12
2316.2610		US	Hinge for Cable Trough Cover	60/953,376	8/1/07		
2316.2612		US	FIBER TERMINATION BLOCK WITH SPLITTERS	11/888,913	8/2/07	7,590,328	9/15/09
2316.2612		US	FIBER TERMINATION BLOCK WITH SPLITTERS	12/542,951	8/18/09	7,949,221	5/24/11
2316.2613		US	FIBER DISTRIBUTION HUB	12/255,758	10/22/08	7,720,344	5/18/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2613		US	Systems and methods for manageing optical fibers and components within an enclosure in an optical communication network.	12/763,936	4/20/10	8,032,002	10/4/11
2316.2613		US	Systems and methods for manageing optical fibers and components within an enclosure in an optical communication network.	60/999,867	10/22/07		
2316.2618		US	CONNECTOR ENCLOSURE	12/191,443	8/14/08	7,744,287	6/29/10
2316.2618		US	CONNECTOR ENCLOSURE	12/825,026	6/28/10	8,272,787	9/25/12
2316.2618		US	Fiber Optic Adapter Enclosure	60/970,129	9/5/07		
2316.2623		US	FIBER OPTIC DISTRIBUTION CABLE	11/850,354	9/5/07	7,769,261	8/3/10
2316.2632		US	SPLICE TRAY HOLDER	12/256,804	10/23/08	7,751,673	7/6/10
2316.2632		US	SPRING-LOADED SPLICE TRAY HOLDER	12/829,143	7/1/10	8,311,380	11/13/12
2316.2632		US	SPLICE TRAY HOLDER	60/983,021	10/26/07		
2316.2633		US	MULTI-STAGE INJECTION OVER-MOLDING SYSTEM WITH INTERMEDIATE SUPPORT AND METHOD OF USE	12/252,874	10/16/08		
2316.2633		US	OVER-MOLDING A MID-SPAN ACCESS POINT WITH AN INJECTION MOLDING MACHINE	60/980,384	10/16/07		
2316.2634		US	FIBER OPTIC STRAIN RELIEF ASSEMBLY	12/704,248	2/11/10	8,170,391	5/1/12
2316.2634		US	Fiber Optic Strain Relief Assembly	61/151,566	2/11/09		
2316.2635		US	Cable with Jacket Including a Spacer	12/689,836	1/19/10	8,344,255	1/1/13
2316.2635		US	Cable with Jacket Including a Spacer	61/145,320	1/16/09		
2316.2638		US	EPOXY APPLICATOR WITH TEMPERATURE CONTROL	12/836,844	7/15/10		
2316.2638		US	Epoxy Applicator with Temperature Control	61/226,454	7/17/09		
2316.2645		US	CONNECTOR MODULE	12/236,655	9/24/08		
2316.2645		US	CONNECTOR MODULE	60/975,368	9/26/07		
2316.2650		US	SLIDING ADAPTER PANEL WITH LIVING HINGE AND FORWARD/REARWARD LOCKING	12/287,271	10/7/08	8,179,684	5/15/12
2316.2650		US	SLIDING ADAPTER PANEL WITH LIVING HINGE AND FORWARD/REARWARD LOCKING	13/452,284	4/20/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2650		US	SLIDING ADAPTER PANEL WITH LIVING HINGE AND FORWARD/REARWARD LOCKING	60/983,425	10/29/07		
2316.2652		US	LOW PROFILE FIBER DISTRIBUTION HUB	14/312,120	6/23/14		
2316.2652		US	LOW PROFILE FIBER DISTRIBUTION HUB	12/241,576	9/30/08	7,751,672	7/6/10
2316.2652		US	LOW PROFILE FIBER DISTRIBUTION HUB	12/827,423	6/30/10		
2316.2652		US	Low Profile Fiber Distribution Hub	60/984,356	10/31/07		
2316.2653		US	Optical Fiber Interconnection Apparatus	12/249,017	10/10/08		
2316.2653		US	Optical Fiber Interconnection Apparatus	60/998,571	10/10/07		
2316.2658		US	WAVELENGTH DIVISION MULTIPLEXING MODULE	13/724,625	12/21/12	8,634,689	1/21/14
2316.2658		US	WAVELENGTH DIVISION MULTIPLEXING MODULE	14/156,993	1/16/14		
2316.2658		US	WAVELENGTH DIVISION MULTIPLEXING MODULE	11/975,905	10/22/07	7,536,075	5/19/09
2316.2658		US	WAVELENGTH DIVISION MULTIPLEXING MODULE	12/058,152	3/28/08	7,885,505	2/8/11
2316.2658		US	WAVELENGTH DIVISION MULTIPLEXING MODULE	12/467,564	5/18/09	7,912,336	3/22/11
2316.2658		US	WAVELENGTH DIVISION MULTIPLEXING MODULE	13/021,286	2/4/11	8,340,491	12/25/12
2316.2658		US	WAVELENGTH DIVISION MULTIPLEXING MODULE	13/049,176	3/16/11	8,542,972	9/24/13
2316.2659		US	CART ASSEMBLY	12/252,157	10/15/08	7,976,031	7/12/11
2316.2659		US	Method for Manufacturing Fiber Optic Cable and Related Equipment for Use in Manufacturing Fiber Optic Cable	60/980,349	10/16/07		
2316.2660		US	HARDENED FIBER OPTIC CONNECTOR SYSTEM WITH MULTIPLE ARRANGEMENTS	13/859,372	4/9/13		
2316.2660		US	Hardened Fiber Optic Connector Compatible with Hardened and Non-Hardened Fiber Optic Adapters	12/203,508	9/3/08	7,744,288	6/29/10
2316.2660		US	Hardened Fiber Optic Connection System	12/203,522	9/3/08	7,762,726	7/27/10
2316.2660		US	Hardened Fiber Optic Connection System with Multiple Configurations	12/203,530	9/3/08	7,744,286	6/29/10
2316.2660		US	Hardened Fiber Optic Connector and Cable Assembly with Multiple Configurations	12/203,535	9/3/08	7,942,590	5/17/11
2316.2660		US	Hardened fiber optic connection system with multiple configurations	12/825,082	6/28/10	8,202,008	6/19/12
2316.2660		US	OPTICAL FIBER CONNECTION SYSTEM WITH LOCKING MEMBER	12/825,111	6/28/10	8,414,196	4/9/13
2316.2660		US	Hardened Fiber Optic Connection System	12/843,692	7/26/10	7,959,361	6/14/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2660		US	Hardened Fiber Optic Connector System with Multiple Arrangements	61/007,222	12/11/07		
2316.2660		US	Hardened Fiber Optic Connector System with Multiple Arrangements	61/029,524	2/18/08		
2316.2664		US	METHODS AND SYSTEMS FOR DELIVERY OF MULTIPLE PASSIVE OPTICAL NETWORK SERVICES	14/054,153	10/15/13		
2316.2664		US	METHODS AND SYSTEMS FOR DELIVERY OF MULTIPLE PASSIVE OPTICAL NETWORK SERVICES	12/257,020	10/23/08	8,559,818	10/15/13
2316.2664		US	METHODS AND SYSTEMS FOR DELIVERY OF MULTIPLE PASSIVE OPTICAL NETWORK SERVICES	61/000,753	10/26/07		
2316.2665		US	ASYMMETRIC COMPENSATION FOR IMPROVED ALIEN CROSSTALK PERFORMANCE	12/369,532	2/11/09	7,798,857	9/21/10
2316.2665		US	Asymmetric Compensation for Improved Alien Crosstalk Performance	61/028,032	2/12/08		
2316.2666		US	Multistage capacitive far end crosstalk compensation arrangement	12/369,543	2/11/09	7,841,909	11/30/10
2316.2666		US	MULTISTAGE CAPACITIVE CROSSTALK COMPENSATION ARRANGEMENT	12/953,181	11/23/10	8,100,727	1/24/12
2316.2666		US	Multistage capacitive far end crosstalk compensation arrangement	13/356,127	1/23/12	8,357,014	1/22/13
2316.2666		US	MULTISTAGE CAPACITIVE CROSSTALK COMPENSATION ARRANGEMENT	13/746,386	1/22/13	8,628,360	1/14/14
2316.2666		US	MULTISTAGE CAPACITIVE CROSSTALK COMPENSATION ARRANGEMENT	14/101,736	12/10/13		
2316.2666		US	Improved Far End Crosstalk Compensation	61/028,040	2/12/08		
2316.2667		US	Multi-Fiber Fiber Optic Cable	12/411,756	3/26/09	8,422,843	4/16/13
2316.2667		US	Multi-Fiber Fiber Optic Cable	61/040,164	3/28/08		
2316.2668		US	FIBER DISTRIBUTION HUB HAVING AN ADJUSTABLE PLATE	12/397,479	3/4/09	7,715,682	5/11/10
2316.2668		US	Fiber Distribution Hub Having an Adjustable Plate	61/033,550	3/4/08		
2316.2669		US	Edge Protector for Fiber Optic Cable Routing	12/271,020	11/14/08	7,860,365	12/28/10
2316.2669		US	Edge Protector for Fiber Optic Cable Routing	60/988,695	11/16/07		
2316.2670		US	TELESCOPING COVER FOR CABLE TROUGH SYSTEM	12/327,260	12/3/08	7,673,835	3/9/10
2316.2670		US	TELESCOPING COVER FOR CABLE TROUGH SYSTEM	61/012,320	12/7/07		
2316.2671		US	FLEXIBLE COVER FOR CABLE TROUGH SYSTEM	13/533,736	6/26/12	8,600,209	12/3/13
2316.2671		US	FLEXIBLE COVER FOR CABLE TROUGH SYSTEM	12/327,637	12/3/08	8,233,763	7/31/12
2316.2671		US	FLEXIBLE COVER FOR CABLE TROUGH SYSTEM	61/012,328	12/7/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2673		US	MULTI-PORT ADAPTER BLOCK	13/622,082	9/18/12	8,929,707	1/6/15
2316.2673		US	MULTI-PORT ADAPTER BLOCK	14/583,979	12/29/14		
2316.2673		US	MULTI-PORT ADAPTER BLOCK	12/380,976	3/4/09	8,270,796	9/18/12
2316.2673		US	MULTI-PORT ADAPTER BLOCK	61/068,008	3/4/08		
2316.2686		US	ATTACHMENT OF A CONNECTOR TO A FIBER OPTIC CABLE	12/403,941	3/13/09	7,837,396	11/23/10
2316.2686		US	ATTACHMENT OF A CONNECTOR TO A FIBER OPTIC CABLE	12/953,333	11/23/10	8,317,410	11/27/12
2316.2686		US	Attachment of a Connector to a Fiber Optic Cable	61/036,271	3/13/08		
2316.2687		US	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	13/330,396	12/19/11	8,678,666	3/25/14
2316.2687		US	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	12/323,980	11/26/08	8,083,416	12/27/11
2316.2687		US	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	14/222,297	3/21/14		
2316.2687		US	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	61/005,107	11/30/07		
2316.2687		US	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	61/044,370	4/11/08		
2316.2690		US	FIBER OPTIC ADAPTER WITH INTEGRALLY MOLDED FERRULE ALIGNMENT STRUCTURE	13/777,575	2/26/13	8,845,205	9/30/14
2316.2690		US	FIBER OPTIC ADAPTER WITH INTEGRALLY MOLDED FERRULE ALIGNMENT STRUCTURE	14/499,594	9/29/14		
2316.2690		US	FIBER OPTIC ADAPTER WITH INTEGRALLY MOLDED FERRULE ALIGNMENT STRUCTURE	14/635,083	3/2/15		
2316.2690		US	FIBER OPTIC ADAPTER WITH INTEGRALLY MOLDED FERRULE ALIGNMENT STRUCTURE	12/548,121	8/26/09	8,382,382	2/26/13
2316.2690		US	FIBER OPTIC ADAPTER WITH INTEGRALLY MOLDED FERRULE ALIGNMENT STRUCTURE	61/092,166	8/27/08		
2316.2691		US	Power Panel with Angled Connectors	12/575,572	10/8/09	7,898,787	3/1/11
2316.2691		US	Power Distribution Unit	61/104,165	10/9/08		
2316.2692		US	Wall Box Adapted to be Mounted at a Mid-Span Access Location of a Telecommunications Cable	13/367,100	2/6/12	8,837,894	9/16/14
2316.2692		US	Wall Box Adapted to be Mounted at a Mid-Span Access Location of a Telecommunications Cable	14/481,550	9/9/14		
2316.2692		US	WALL BOX ADAPTED TO BE MOUNTED AT A MID-SPAN ACCESS LOCATION OF A TELECOMMUNICATIONS CABLE	12/332,468	12/11/08	7,751,675	7/6/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2692		US	WALL BOX ADAPTED TO BE MOUNTED AT A MID-SPAN ACCESS LOCATION OF A TELECOMMUNICATIONS CABLE	12/350,337	1/8/09	8,111,966	2/7/12
2316.2692		US	Wall Box Adapted to be Mounted at a Mid-Span Access Location of a Telecommunications Cable	61/007,278	12/11/07		
2316.2692		US	Wall Box Adapted to be Mounted at a Mid-Span Access Location of a Telecommunications Cable	61/020,100	1/9/08		
2316.2692		US	Wall Box Adapted to be Mounted at a Mid-Span Access Location of a Telecommunications Cable	61/029,214	2/15/08		
2316.2692		US	Wall Box Adapted to be Mounted at a Mid-Span Access Location of a Termination Cable	61/039,049	3/24/08		
2316.2692		US	WALL BOX ADAPTED TO BE MOUNTED AT A MID-SPAN ACCESS LOCATION OF A TELECOMMUNICATIONS CABLE	61/046,656	4/21/08		
2316.2692		US	Wall Box Adapted to be Mounted at a Mid-Span Access Location of a Telecommunications Cable	61/077,350	7/1/08		
2316.2695		US	FIBER OPTIC TERMINAL COVER	29/338,301	6/9/09	D620,898	8/3/10
2316.2695		US	FIBER OPTIC TERMINAL COVER	29/338,302	6/9/09	D620,899	8/3/10
2316.2695		US	FIBER OPTIC TERMINAL COVER	29/367,036	8/2/10	D631,448	1/25/11
2316.2695		US	FIBER OPTIC TERMINAL COVER	29/367,040	8/2/10	D631,859	2/1/11
2316.2695		US	FIBER OPTIC ENCLOSURE COVER	12/714,161	2/26/10		
2316.2696		US	Fiber Routing System With Drop-In Device	12/365,730	2/4/09	7,848,608	12/7/10
2316.2696		US	FIBER ROUTING SYSTEM WITH DROP-IN DEVICE	61/026,193	2/5/08		
2316.2697		US	Drop Terminal with Optical Splitter	12/332,448	12/11/08		
2316.2697		US	Drop Terminal with Optical Splitter	61/013,295	12/12/07		
2316.2700		US	WAVELENGTH DIVISION MULTIPLEXING MODULE	13/362,210	1/31/12	8,660,429	2/25/14
2316.2700		US	WAVELENGTH DIVISION MULTIPLEXING MODULE	14/157,644	1/17/14		
2316.2700		US	WAVELENGTH DIVISION MULTIPLEXING MODULE	12/360,719	1/27/09	8,107,816	1/31/12
2316.2700		US	WAVELENGTH DIVISION MULTIPLEXING MODULE	61/024,450	1/29/08		
2316.2701		US	Multi-Configuration Mounting System for Fiber Distribution Hub	12/338,586	12/18/08	8,238,709	8/7/12
2316.2701		US	Reconfigurable Mounting System for Fiber Distribution Hub	61/014,647	12/18/07		
2316.2710		US	CABLE PULLING ASSEMBLY	12/389,474	2/20/09	8,385,712	2/26/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2710		US	CABLE PULLING ASSEMBLY	61/032,806	2/29/08		
2316.2711		US	Telecommunications Wire having a Channeled Dielectric Insulator and Methods for Manufacturing the Same	13/236,088	9/19/11	8,641,844	2/4/14
2316.2711		US	Telecommunications Wire having a Channeled Dielectric Insulator and Methods for Manufacturing the Same	14/151,463	1/9/14		
2316.2711		US	Telecommunications Wire having a Channeled Dielectric Insulator and Methods for Manufacturing the Same	12/496,329	7/1/09	8,022,302	9/20/11
2316.2711		US	Telecommunications Wire having a Channeled Dielectric Insulator and Methods for Manufacturing the Same	61/133,983	7/3/08		
2316.2712		US	Fiber Optic Cable	14/028,718	9/17/13	8,903,212	12/2/14
2316.2712		US	FIBER OPTIC CABLE	14/556,805	12/1/14		
2316.2712		US	Fiber Optic Cable	12/473,931	5/28/09	8,548,293	10/1/13
2316.2712		US	Fiber Optic Cable	61/056,465	5/28/08		
2316.2712		US	Fiber Optic Cable	61/109,048	10/28/08		
2316.2714		US	Fiber Optic Splice Enclosure				
2316.2714		US	Fiber Optic Splice Enclosure	12/370,040	2/12/09	7,970,249	6/28/11
2316.2714		US	FIBER OPTIC SPLICE ENCLOSURE	13/166,303	6/22/11		
2316.2714		US	Fiber Optic Splice Enclosure	61/029,136	2/15/08		
2316.2714		US	Fiber Optic Splice Enclosure	61/039,045	3/24/08		
2316.2714		US	Fiber Optic Splice Enclosure	61/147,924	1/28/09		
2316.2715		US	CABLE RETAINER ASSEMBLY AND METHOD FOR POSITIONING THE SAME	12/687,654	1/14/10	8,452,151	5/28/13
2316.2715		US	CABLE RETAINER ASSEMBLY AND METHOD FOR POSITIONING THE SAME	61/144,585	1/14/09		
2316.2721		US	HIGH DENSITY TELECOMMUNICATIONS CHASSIS WITH CABLE MANAGEMENT STRUCTURE	61/030,760	2/22/08		
2316.2725		US	Hardened Fiber Optic Connector with Connector Body Joined to Cylindrical Cable by Unitary Housing	12/427,472	4/21/09	8,038,356	10/18/11
2316.2725		US	Hardened Fiber Optic Connector with Connector Body Joined to Cylindrical Cable by Unitary Housing	61/046,700	4/21/08		
2316.2726		US	SPLICE OF FIBER OPTIC CABLES	12/548,600	8/27/09	8,333,519	12/18/12
2316.2726		US	Splice of Fiber Optic Cables	61/093,141	8/29/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2729		US	BULKHEAD WITH ANGLED OPENINGS AND METHOD	12/381,162	3/6/09	7,978,951	7/12/11
2316.2729		US	BULKHEAD WITH ANGLED OPENINGS AND METHOD	13/158,153	6/10/11	8,494,330	7/23/13
2316.2729		US	BULKHEAD WITH ANGLED OPENINGS AND METHOD	61/072,186	3/28/08		
2316.2730		US	LOCKING SPOOL FOR TELECOMMUNICATIONS CABLE AND METHOD	12/512,620	7/30/09	8,238,707	8/7/12
2316.2731		US	SPOOL FOR TELECOMMUNICATIONS CABLE AND METHOD	12/512,666	7/30/09	8,474,742	7/2/13
2316.2732		US	TELECOMMUNICATION CABLE MANAGEMENT SYSTEM AND METHOD	61/069,824	3/18/08		
2316.2732		US	TELECOMMUNICATION CABLE MANAGEMENT SYSTEM AND METHOD	61/126,226	5/1/08		
2316.2737		US	TELECOMMUNICATION CABLE MANAGEMENT SYSTEM AND METHOD	61/069,823	3/18/08		
2316.2743		US	REAR LATCH ARRANGEMENT FOR SLIDING DRAWER	12/381,159	3/6/09	7,715,681	5/11/10
2316.2743		US	REAR LATCH ARRANGEMENT FOR SLIDING DRAWER	12/798,447	4/1/10	7,957,624	6/7/11
2316.2743		US	REAR LATCH ARRANGEMENT FOR SLIDING DRAWER	13/099,141	5/2/11	8,229,268	7/24/12
2316.2743		US	REAR LATCH ARRANGEMENT FOR SLIDING DRAWER	61/072,148	3/28/08		
2316.2744		US	FRONT-ACCESS LOCKING ARRANGEMENT FOR SLIDING DRAWER	13/275,042	10/17/11	8,483,536	7/9/13
2316.2744		US	FRONT-ACCESS LOCKING ARRANGEMENT FOR SLIDING DRAWER	12/381,155	3/6/09	8,041,175	10/18/11
2316.2744		US	FRONT-ACCESS LOCKING ARRANGEMENT FOR SLIDING DRAWER	61/126,653	5/5/08		
2316.2745		US	DRAWER ARRANGEMENT WITH RACK AND PINION	12/381,161	3/6/09	7,876,993	1/25/11
2316.2745		US	DRAWER ARRANGEMENT WITH RACK AND PINION	12/930,965	1/19/11	8,452,149	5/28/13
2316.2745		US	DRAWER ARRANGEMENT WITH RACK AND PINION	61/126,671	5/5/08		
2316.2746		US	UNIVERSAL CABLE MANAGEMENT PANEL	13/443,410	4/10/12	8,705,927	4/22/14
2316.2746		US	UNIVERSAL CABLE MANAGEMENT PANEL	12/381,160	3/6/09	7,764,859	7/27/10
2316.2746		US	UNIVERSAL CABLE MANAGEMENT PANEL	12/803,619	6/29/10	8,155,494	4/10/12
2316.2746		US	UNIVERSAL CABLE MANAGEMENT PANEL	61/072,184	3/28/08		
2316.2746		US	UNIVERSAL CABLE MANAGEMENT PANEL	61/126,672	5/5/08		
2316.2749		US	OVERVOLTAGE PROTECTION PLUG	12/473,087	5/27/09	8,411,404	4/2/13
2316.2749		US	OVERVOLTAGE PROTECTION PLUG	61/056,328	5/27/08		
2316.2752		US	CIRCUIT PROTECTION BLOCK	12/429,850	4/24/09	7,946,863	5/24/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2752		US	CIRCUIT PROTECTION BLOCK	61/048,091	4/25/08		
2316.2752		US	CIRCUIT PROTECTION BLOCK	61/081,919	7/18/08		
2316.2753		US	COIL HANDLING SYSTEM AND METHOD	12/456,943	6/23/09	8,931,322	1/13/15
2316.2753		US	COIL HANDLING SYSTEM AND METHOD	61/133,170	6/25/08		
2316.2754		US	FIBER MANAGEMENT PANEL	12/421,878	4/10/09	8,315,498	11/20/12
2316.2754		US	FIBER MANAGEMENT PANEL	61/044,356	4/11/08		
2316.2755		US	EXPANSION CROSS-CONNECT ENCLOSURE	12/419,171	4/6/09		
2316.2755		US	EXPANSION CROSS-CONNECT ENCLOSURE	61/042,509	4/4/08		
2316.2755		US	Add On Cross Connect Box	61/079,865	7/11/08		
2316.2786		US	FIBER OPTIC SPLICE TRAY	12/425,241	4/16/09	8,009,954	8/30/11
2316.2786		US	Fiber Optic Splice Tray	13/213,560	8/19/11	8,554,044	10/8/13
2316.2786		US	Fiber Optic Splice Tray	61/046,678	4/21/08		
2316.2786		US	Fiber Optic Splice Tray	61/058,814	6/4/08		
2316.2786		US	Fiber Optic Splice Tray	61/147,933	1/28/09		
2316.2788		US	Cable Anchoring Device	12/423,541	4/14/09	8,090,234	1/3/12
2316.2788		US	Cable Clamp	61/046,650	4/21/08		
2316.2788		US	Cable Anchoring Device	61/058,624	6/4/08		
2316.2788		US	Cable Anchoring Device	61/168,459	4/10/09		
2316.2790		US	TELECOMMUNICATIONS CABLE MANAGER	61/130,420	5/30/08		
2316.2791		US	CABLE ENCLOSURE WITH SEALED CABLE ENTRY PORT	12/495,393	6/30/09	8,718,434	5/6/14
2316.2791		US	SEALING METHOD FOR ENTRY OF CABLE INTO CLOSURES	61/077,240	7/1/08		
2316.2792		US	METHODS AND SYSTEMS FOR TESTING A FIBER OPTIC NETWORK	12/429,299	4/24/09		
2316.2792		US	Methods and Systems for Testing a Fiber Optic Network	61/047,486	4/24/08		
2316.2798		US	TELECOMMUNICATIONS CABLE MANAGER	61/130,487	5/30/08		
2316.2802		US	METHODS AND SYSTEMS FOR DISTRIBUTING FIBER OPTIC TELECOMMUNICATIONS SERVICES TO LOCAL AREA	13/584,363	8/13/12	8,805,152	8/12/14

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2802		US	METHODS AND SYSTEMS FOR DISTRIBUTING FIBER OPTIC TELECOMMUNICATIONS SERVICES TO LOCAL AREA	14/341,952	7/28/14		
2316.2802		US	METHODS AND SYSTEMS FOR DISTRIBUTING FIBER OPTIC TELECOMMUNICATIONS SERVICES TO LOCAL AREA	12/487,318	6/18/09	8,254,740	8/28/12
2316.2802		US	OUTDOOR RAPID FIBER SYSTEM	61/074,009	6/19/08		
2316.2802		US	Methods and Systems for Distributing Fiber Optic Telecommunications Services to Local Area	61/098,494	9/19/08		
2316.2806		US	OVERVOLTAGE PROTECTION PLUG (Design)	29/318,746	5/27/08	D620,896	8/3/10
2316.2807		US	FIBER OPTIC SPLICE TRAY	13/333,143	12/21/11		
2316.2807		US	FIBER OPTIC SPLICE TRAY	12/555,623	9/8/09	8,086,084	12/27/11
2316.2807		US	FIBER OPTIC SPLICE TRAY	61/095,470	9/9/08		
2316.2812		US	MODULAR FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	12/560,181	9/15/09	8,265,447	9/11/12
2316.2812		US	PLASTIC SPINNING WALL BOX	13/610,455	9/11/12		
2316.2812		US	Modular Fiber Optic Enclosure with External Cable Spool	61/097,536	9/16/08		
2316.2814		US	AUTOMATED SURFACE TREATMENT SYSTEM AND METHOD	12/657,109	1/12/10	8,393,290	3/12/13
2316.2814		US	AUTOMATED SURFACE TREATMENT SYSTEM AND METHOD	61/206,329	1/27/09		
2316.2815		US	POWER DISTRIBUTION PANEL WITH MODULAR CIRCUIT PROTECTION ELEMENTS	13/246,620	9/27/11	8,848,346	9/30/14
2316.2815		US	POWER DISTRIBUTION PANEL WITH MODULAR CIRCUIT PROTECTION ELEMENTS	14/500,567	9/29/14		
2316.2815		US	POWER DISTRIBUTION PANEL WITH MODULAR CIRCUIT PROTECTION ELEMENTS	61/387,272	9/28/10		
2316.2820		US	MULTI-JACKETED FIBER OPTIC CABLE	12/472,544	5/27/09	8,224,141	7/17/12
2316.2820		US	MULTI-JACKETED FIBER OPTIC CABLE	12/472,587	5/27/09	8,275,225	9/25/12
2316.2820		US	MULTI-JACKETED FIBER OPTIC CABLE	61/056,394	5/27/08		
2316.2820		US	MULTI-JACKETED FIBER OPTIC CABLE	61/085,319	7/31/08		
2316.2820		US	MULTI-JACKETED FIBER OPTIC CABLE	61/179,604	5/19/09		
2316.2821		US	FLEXIBLE EXTRUDED CABLE MOLDING SYSTEM, METHODS, AND TOOLS	14/057,634	10/18/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2821		US	FLEXIBLE EXTRUDED CABLE MOLDING SYSTEM, METHODS, AND TOOLS				
2316.2821		US	Flexible Extruded Cable Molding System, Methods, and Tools	12/472,905	5/27/09		
2316.2821		US	FLEXIBLE EXTRUDED MOLDING SYSTEM	61/056,478	5/28/08		
2316.2821		US	FLEXIBLE EXTRUDED MOLDING SYSTEM	61/128,960	5/27/08		
2316.2821		US	Flexible Extruded Cable Molding System	61/142,811	1/6/09		
2316.2822		US	FOAMED FIBER OPTIC CABLE	12/472,939	5/27/09	7,873,249	1/18/11
2316.2822		US	FOAMED FIBER OPTIC CABLE	61/056,408	5/27/08		
2316.2825		US	HYBRID FIBER/COPPER CABLE PREPARATION TOOL	12/552,842	9/2/09	8,640,329	2/4/14
2316.2825		US	STRIPPING TOOL FOR HYBRID COAX CABLE	61/093,910	9/3/08		
2316.2826		US	FLAT DROP CABLE	13/246,225	9/27/11	8,290,320	10/16/12
2316.2826		US	FLAT DROP CABLE	13/652,614	10/16/12	8,897,613	11/25/14
2316.2826		US	FLAT DROP CABLE	12/607,748	10/28/09	8,041,166	10/18/11
2316.2826		US	FLAT DROP CABLE	61/109,041	10/28/08		
2316.2827		US	Optical Fiber Assembly	13/044,075	3/9/11	8,625,946	1/7/14
2316.2827		US	Optical Fiber Assembly	61/312,731	3/11/10		
2316.2829		US	FLEXIBLE COVER FOR CABLE TROUGH SYSTEM	61/073,268	6/17/08		
2316.2830		US	FIBER OPTIC FERRULE ASSEMBLY WITH TRANSITIONING INSERT	12/915,692	10/29/10	8,702,320	4/22/14
2316.2830		US	FIBER OPTIC FERRULE ASSEMBLY WITH TRANSITIONING INSERT	61/258,010	11/4/09		
2316.2831		US	POWER SWITCHING ARRANGEMENT	14/048,792	10/8/13		
2316.2831		US	POWER SWITCHING ARRANGEMENT	12/576,394	10/9/09	8,553,382	10/8/13
2316.2831		US	POWER SWITCHING ARRANGEMENT	61/104,169	10/9/08		
2316.2832		US	FIELD TERMINABLE FIBER OPTIC ASSEMBLY	13/872,695	4/29/13		
2316.2832		US	FIELD TERMINABLE FIBER OPTIC ASSEMBLY	12/500,188	7/9/09	8,430,572	4/30/13
2316.2832		US	FIELD TERMINABLE FIBER OPTIC ASSEMBLY	61/079,732	7/10/08		
2316.2833		US	COVER FOR CABLE TROUGH SYSTEM INCLUDING LIVING HINGE	61/073,280	6/18/08		
2316.2836		US	PATCH PANEL ASSEMBLY	12/547,791	8/26/09	8,290,330	10/16/12

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2836		US	PATCH PANEL ASSEMBLY	61/094,752	9/5/08		
2316.2836		US	PATCH PANEL ASSEMBLY	61/095,086	9/8/08		
2316.2837		US	FRAME WITH CABLE MANAGEMENT	12/547,775	8/26/09	8,307,996	11/13/12
2316.2837		US	FRAME WITH CABLE MANAGEMENT	13/675,566	11/13/12	8,746,466	6/10/14
2316.2837		US	FRAME WITH CABLE MANAGEMENT				
2316.2837		US	FRAME WITH CABLE MANAGEMENT	61/094,597	9/5/08		
2316.2838		US	COLLAPSIBLE FRAME	12/547,641	8/26/09	8,413,827	4/9/13
2316.2838		US	COLLAPSIBLE FRAME	61/094,607	9/5/08		
2316.2839		US	PANEL MOUNT	12/547,657	8/26/09	8,351,753	1/8/13
2316.2839		US	PANEL MOUNT	61/094,621	9/5/08		
2316.2844		US	VERTICAL CABLE MANAGEMENT SYSTEM WITH SNAP-ON FINGERS AND HINGED COVERS	61/212,920	4/16/09		
2316.2847		US	Loose Tube Preparation for Connector Termination	13/492,394	6/8/12	8,931,964	1/13/15
2316.2847		US	Loose Tube Preparation for Connector Termination	14/563,326	12/8/14		
2316.2847		US	Loose Tube Preparation for Connector Termination	61/494,747	6/8/11		
2316.2851		US	IMPROVED FIBER OPTIC CONNECTOR POTTING METHODS	13/492,407	6/8/12		
2316.2851		US	IMPROVED FIBER OPTIC CONNECTOR POTTING METHODS	61/494,751	6/8/11		
2316.2853		US	FIBER OPTIC MODULE AND CHASSIS	12/688,688	1/15/10	8,494,329	7/23/13
2316.2853		US	FIBER OPTIC MODULE AND CHASSIS	61/145,020	1/15/09		
2316.2859		US	Inspection Tip for a Fiber Optic Inspection Probe	12/608,199	10/29/09	8,164,744	4/24/12
2316.2859		US	MINI DLX ADAPTER VIDEO PROBE	61/109,698	10/30/08		
2316.2861		US	METHOD OF DIRECTLY MOLDING FERRULE ON FIBER OPTIC CABLE	12/725,626	3/17/10	8,580,162	11/12/13
2316.2861		US	Method of Directly Molding Ferrule on Fiber Optic Cable	61/160,814	3/17/09		
2316.2863		US	Telecommunications Jack with Adjustable Crosstalk Compensation	12/625,224	11/24/09	8,202,128	6/19/12
2316.2863		US	Telecommunications Jack with Adjustable Crosstalk Compensation	61/117,869	11/25/08		
2316.2864		US	FIBER OPTIC ADAPTER PLATE AND CASSETTE	12/592,853	12/2/09	8,428,418	4/23/13
2316.2864		US	FIBER OPTIC ADAPTER PLATE AND CASSETTE	61/201,352	12/9/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2865		US	Universal sliding adapter park	12/590,498	10/26/09	8,315,497	11/20/12
2316.2865		US	UNIVERSAL SLIDING ADAPTER PACK	61/197,564	10/27/08		
2316.2873		US	FANOUT CABLE ASSEMBLY AND METHOD	12/573,696	10/5/09	8,573,855	11/5/13
2316.2873		US	FANOUT CABLE ASSEMBLY AND METHOD	61/103,108	10/6/08		
2316.2875		US	TELECOMMUNICATIONS PANEL AND DRAWER ARRANGEMENT	12/586,285	9/18/09	8,526,774	9/3/13
2316.2875		US	TELECOMMUNICATIONS PANEL AND DRAWER ARRANGEMENT	61/194,085	9/23/08		
2316.2882		US	SPACER BOX INTERBAY CABLE MANAGEMENT PANEL	12/603,857	10/22/09	8,290,331	10/16/12
2316.2882		US	SPACER BOX INTERBAY CABLE MANAGEMENT PANEL	61/108,325	10/24/08		
2316.2889		US	MULTI-FIBER CABLE MANAGEMENT PANEL	12/697,716	2/1/10		
2316.2889		US	MULTI-FIBER CABLE MANAGEMENT PANEL	61/149,234	2/2/09		
2316.2894		US	CABLE MANAGEMENT MODULE WITH PIVOT COVER ASSEMBLY	12/765,046	4/22/10		
2316.2894		US	CABLE MANAGEMENT MODULE WITH PIVOT COVER ASSEMBLY	61/177,427	5/12/09		
2316.2902		US	FIBER OPTIC TELECOMMUNICATIONS MODULE	12/619,777	11/17/09	8,417,074	4/9/13
2316.2902		US	FIBER OPTIC TELECOMMUNICATIONS MODULE	61/116,973	11/21/08		
2316.2903		US	FANNING MODULE, FANNING STRIP, AND CABLE MANAGEMENT PANEL	12/881,969	9/14/10	8,221,169	7/17/12
2316.2903		US	FANNING MODULE, FANNING STRIP, AND CABLE MANAGEMENT PANEL	61/242,598	9/15/09		
2316.2907		US	RF CIRCUIT MODULE AND PANEL	12/652,992	1/6/10	8,731,603	5/20/14
2316.2907		US	RF CIRCUIT MODULE AND PANEL	61/142,817	1/6/09		
2316.2908		US	FIBER OPTIC ENCLOSURE	12/694,946	1/27/10	8,213,760	7/3/12
2316.2908		US	FIBER OPTIC ENCLOSURE	13/541,007	7/3/12		
2316.2908		US	Fiber Optic Enclosure	61/147,970	1/28/09		
2316.2908		US	Fiber Optic Enclosure	61/184,257	6/4/09		
2316.2910		US	VERTICAL CABLE MANAGEMENT SYSTEM WITH HINGED COVER	61/212,922	4/16/09		
2316.2913		US	Splitter Module with Connectorized Pigtail Manager	12/690,780	1/20/10	8,380,036	2/19/13
2316.2913		US	Splitter Module with Connectorized Pigtail Manager	61/145,869	1/20/09		
2316.2938		US	FIBER OPTIC CABLE PASS-THRU FITTING	13/203,023	2/23/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2938		US	Fiber Optic Cable Pass-Thru Fitting	61/155,099	2/24/09		
2316.2938		US	Fiber Optic Cable Pass-Thru Fitting	61/157,119	3/3/09		
2316.2940		US	FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	12/755,133	4/6/10	8,342,755	1/1/13
2316.2940		US	FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	61/167,046	4/6/09		
2316.2941		US	Ruggedized Fiber Optic/Electrical Connection System	13/936,499	7/8/13	8,894,300	11/25/14
2316.2941		US	Ruggedized Fiber Optic/Electrical Connection System	14/552,210	11/24/14		
2316.2941		US	Ruggedized Fiber Optic/Electrical Connection System	13/021,416	2/4/11	8,480,312	7/9/13
2316.2941		US	Ruggedized Fiber Optic/Electrical Connection System	14/822,170	8/10/15		
2316.2941		US	Ruggedized Fiber Optic/Electrical Connection System	61/301,460	2/4/10		
2316.2944		US	FIBER OPTIC CABLE PASS-THRU FITTING	13/254,707	3/4/10		
2316.2944		US	FIBER OPTIC CABLE PASS-THRU FITTING	61/158,212	3/6/09		
2316.2946		US	Fiber Optic Enclosure with Internal Cable Spool Assembly	13/043,979	3/9/11		
2316.29		US	QUICK LAUNCH INDOOR FIBER DISTRIBUTION TERMINAL FIBER DEPLOYMENT SYSTEM				
2316.2946		US	Fiber Optic Enclosure with Internal Cable Spool Assembly	61/312,733	3/11/10		
2316.2947		US	FIBER OPTIC PANEL AND METHOD	12/762,784	4/19/10		
2316.2947		US	FIBER OPTIC PANEL AND METHOD	61/170,960	4/20/09		
2316.2949		US	RAPID UNIVERSAL RACK MOUNT DRAWER	13/863,914	4/16/13	8,798,429	8/5/14
2316.2949		US	RAPID UNIVERSAL RACK MOUNT DRAWER	14/450,956	8/4/14		
2316.2949		US	RAPID UNIVERSAL RACK MOUNT DRAWER	12/840,834	7/21/10	8,422,847	4/16/13
2316.2949		US	RAPID UNIVERSAL RACK MOUNT DRAWER	61/227,247	7/21/09		
2316.2949		US	RAPID UNIVERSAL RACK MOUNT DRAWER	61/261,657	11/16/09		
2316.2952		US	Fiber Distribution Hub with Internal Cable Spool	12/888,567	9/23/10	8,428,419	4/23/13
2316.2952		US	Fiber Distribution Hub with Internal Cable Spool	61/245,082	9/23/09		
2316.2953		US	PEDESTAL TERMINAL WITH SWING FRAME	12/875,274	9/3/10	8,606,067	12/10/13
2316.2953		US	PEDESTAL WITH SWING FRAME	61/239,839	9/4/09		
2316.2955		US	Methods, Systems and Devices for Providing Fiber-to-the-Desktop	12/953,781	11/24/10	8,515,234	8/20/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2955		US	Methods, Systems and Devices for Providing Fiber-to-the-Desktop	61/264,474	11/25/09		
2316.2956		US	FIBER DISTRIBUTION ENCLOSURE	13/006,189	1/13/11	8,498,510	7/30/13
2316.2956		US	FIBER DISTRIBUTION ENCLOSURE	61/295,929	1/18/10		
2316.2959		US	DROP CABLE PASS-THRU FITTING	12/754,796	4/6/10		
2316.2959		US	Drop Cable Pass-Thru Fitting	61/167,106	4/6/09		
2316.2960		US	SPLICE TRAY CHIP	12/754,801	4/6/10		
2316.2960		US	SPLICE TRAY CHIP	61/167,150	10/24/09		
2316.2961		US	CONNECTION BLOCK MOUNTING FRAME	12/763,073	4/19/10	8,162,700	4/24/12
2316.2961		US	CONNECTION BLOCK MOUNTING FRAME	61/170,412	4/17/09		
2316.2962		US	OFFSET SLOTTING FOR CABLE TROUGH MEMBER	12/763,262	4/20/10		
2316.2962		US	OFFSET SLOTTING FOR CABLE TROUGH MEMBER	61/170,857	4/20/09		
2316.2963		US	FIBER RETAINER FOR CABLE TROUGH MEMBER	12/763,268	4/20/10	8,488,936	7/16/13
2316.2963		US	FIBER RETAINER FOR CABLE TROUGH MEMBER	61/170,875	4/20/09		
2316.2964		US	CABLE LABEL AND METHODS	12/778,300	5/12/10		
2316.2964		US	CABLE LABEL AND METHODS	61/177,884	5/13/09		
2316.2965		US	CABLE PULLING ASSEMBLY	12/775,011	5/6/10		
2316.2965		US	CABLE PULLING ASSEMBLY	12/953,630	11/24/10	8,620,129	12/31/13
2316.2965		US	CABLE PULLING ASSEMBLY	61/176,721	5/8/09		
2316.2965		US	CABLE PULLING ASSEMBLY	61/264,309	11/25/09		
2316.2967		US	RADIUS LIMITER CABLE RETENTION BRACKET, CLAMP AND PANEL	12/764,258	4/21/10		
2316.2967		US	RADIUS LIMITER CABLE RETENTION BRACKET AND PANEL	61/172,582	4/24/09		
2316.2971		US	Fiber Optic Dust Cap and Connector for Terminating Multi-Fiber Optical Cables	12/836,873	7/15/10	8,374,478	2/12/13
2316.2971		US	Fiber Optic Dust Cap and Connector for Terminating Multi-Fiber Optical Cables	61/226,449	7/17/09		
2316.2973		US	CABLE PULLING ASSEMBLY	12/779,198	5/13/10	8,412,017	4/2/13
2316.2973		US	CABLE PULLING ASSEMBLY	61/177,879	5/13/09		
2316.2974		US	FIELD TERMINABLE FIBER OPTIC CONNECTOR ASSEMBLY	14/062,540	10/24/13	8,926,192	1/6/15

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2974		US	FIELD TERMINABLE FIBER OPTIC CONNECTOR ASSEMBLY	12/789,139	5/27/10	8,573,858	11/5/13
2316.2974		US	FIELD TERMINABLE FIBER OPTIC CONNECTOR ASSEMBLY	61/182,184	5/29/09		
2316.2983		US	MECHANICAL INTERFACE BETWEEN A FIBER OPTIC CABLE AND A FIBER OPTIC CONNECTOR	14/176,940	2/10/14		
2316.2983		US	MECHANICAL INTERFACE BETWEEN A FIBER OPTIC CABLE AND A FIBER OPTIC CONNECTOR	12/782,929	5/19/10	8,646,989	2/11/14
2316.2983		US	MECHANICAL INTERFACE BETWEEN A FIBER OPTIC CABLE AND A FIBER OPTIC CONNECTOR	61/179,673	5/19/09		
2316.2984		US	CABLE ATTACHMENT SYSTEM FOR A FIBER OPTIC CONNECTOR	12/838,328	7/16/10	8,240,927	8/14/12
2316.2984		US	Cable Attachment System for a Fiber Optic Connector	61/226,456	7/17/09		
2316.2985		US	PASS-THROUGH TROUGH	12/851,248	8/5/10	8,714,368	5/6/14
2316.2985		US	PASS-THROUGH TROUGH	61/240,711	9/9/09		
2316.2989		US	Plug Assembly for Telecommunications Cable	12/884,794	9/17/10	8,357,011	1/22/13
2316.2989		US	Plug Assembly for Telecommunications Cable	61/243,399	9/17/09		
2316.2991		US	Multi-Fiber Loop Back Plug	12/841,643	7/22/10	8,511,911	8/20/13
2316.2991		US	Multi-Fiber Loop Back Plug	61/229,097	7/28/09		
2316.3005		US	Wall-Mounted Fiber Distribution Hub	12/829,118	7/1/10		
2316.3005		US	Wall-Mounted Fiber Distribution Hub	61/222,342	7/1/09		
2316.3008		US	Fiber Optic Dust Cap and Connector for Terminating Multi-Fiber Optical Cables	12/700,335	2/4/10	8,262,294	9/11/12
2316.3008		US	Fiber Optic Dust Cap and Connector for Terminating Multi-Fiber Optical Cables	13/610,431	9/11/12		
2316.3012		US	FIBER OPTIC ENCLOSURE WITH ADAPTER BULKHEAD POSITIONED BENEATH PIVOTAL SPLICE TRAY	12/838,133	7/16/10		
2316.3012		US	FIBER OPTIC ENCLOSURE WITH ADAPTER BULKHEAD POSITIONED BENEATH PIVOTAL SPLICE TRAY	61/226,273	7/16/09		
2316.3013		US	TWIST-IN LATCHING ARRANGEMENT FOR CABLE MANAGEMENT STRUCTURE	13/724,787	12/21/12		
2316.3013		US	TWIST-IN LATCHING ARRANGEMENT FOR CABLE MANAGEMENT STRUCTURE	12/834,964	7/13/10	8,344,247	1/1/13
2316.3013		US	TWIST-IN LATCHING ARRANGEMENT FOR CABLE MANAGEMENT STRUCTURE	61/225,808	7/15/09		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3015		US	FIBER OPTIC CABLE ASSEMBLY AND METHOD OF MAKING THE SAME	13/087,807	4/15/11	8,457,461	6/4/13
2316.3015		US	Fiber Optic Cable Assembly and Method of Making the Same	61/325,133	4/16/10		
2316.3020		US	MANAGED CONNECTIVITY IN FIBER OPTIC SYSTEMS AND METHODS THEREOF	14/062,204	10/24/13		
2316.3020		US	MANAGED CONNECTIVITY IN FIBER OPTIC SYSTEMS AND METHODS THEREOF	12/905,658	10/15/10	8,596,882	12/3/13
2316.3020		US	MANAGED CONNECTIVITY IN FIBER OPTIC SYSTEMS AND METHODS THEREOF	14/088,755	11/25/13		
2316.3020		US	MANAGED CONNECTIVITY IN FIBER OPTIC SYSTEMS AND METHODS THEREOF	61/252,386	10/16/09		
2316.3021		US	MANAGED CONNECTIVITY IN ELECTRICAL SYSTEMS AND METHODS THEREOF				
2316.3021		US	MANAGED CONNECTIVITY IN ELECTRICAL SYSTEMS AND METHODS THEREOF	14/656,801	3/13/15		
2316.3021		US	MANAGED CONNECTIVITY IN ELECTRICAL SYSTEMS AND METHODS THEREOF	12/905,689	10/15/10		
2316.3021		US	MANAGED CONNECTIVITY IN ELECTRICAL SYSTEMS AND METHODS THEREOF	61/252,395	10/16/09		
2316.3022		US	TWISTED PAIRS CABLE WITH TAPE ARRANGEMENT	12/868,580	8/25/10		
2316.3022		US	TWISTED PAIRS CABLE WITH TAPE ARRANGEMENT	61/275,380	8/27/09		
2316.3038		US	TRANSITION HOUSING AND CAP FOR FIBER BREAKOUT ASSEMBLY	13/162,170	6/16/11	8,705,930	4/22/14
2316.3038		US	TRANSITION HOUSING AND CAP FOR FIBER BREAKOUT ASSEMBLY	61/358,687	6/25/10		
2316.3040		US	TESTING OF OPTICAL CABLE USING OPTICAL TIME DOMAIN REFLECTOMETRY	13/291,779	11/8/11	8,654,321	2/18/14
2316.3040		US	TESTING OF OPTICAL CABLE USING OPTICAL TIME DOMAIN REFLECTOMETRY	61/411,771	11/9/10		
2316.3041		US	FIBER OPTIC CABLE BUNDLE WITH STAGGERED CONNECTORS	14/456,667	8/11/14		
2316.3041		US	FIBER OPTIC CABLE BUNDLE WITH STAGGERED CONNECTORS	13/019,735	2/2/11	8,801,296	8/12/14
2316.3041		US	FIBER BUNDLE WITH STAGGERED CONNECTOR SETS	61/300,689	2/2/10		
2316.3042		US	CABLE PACKING SYSTEMS AND METHODS	14/013,805	8/29/13		
2316.3042		US	CABLE PACKING SYSTEMS AND METHODS	61/695,861	8/31/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3043		US	Flat Drop Cable with Center Strength Member	12/909,541	10/21/10	8,184,935	5/22/12
2316.3043		US	Flat Drop Cable with Center Strength Member	61/255,756	10/28/09		
2316.3045		US	ELECTRICAL PLUG FOR MANAGED CONNECTIVITY SYSTEMS	14/733,063	6/8/15		
2316.3045		US	ELECTRICAL PLUG FOR MANAGED CONNECTIVITY SYSTEMS	12/907,724	10/19/10		
2316.3045		US	ELECTRICAL PLUG FOR MANAGED CONNECTIVITY SYSTEMS	61/252,964	10/19/09		
2316.3045		US	ELECTRICAL PLUG FOR MANAGED CONNECTIVITY SYSTEMS	61/253,208	10/20/09		
2316.3046		US	Fiber Access Terminal Mounted at a Mid-Span Access Location of a Telecommunications Cable	12/909,368	10/21/10		
2316.3046		US	Fiber Access Terminal Mounted at a Mid-Span Access Location of a Telecommunications Cable	61/253,723	10/21/09		
2316.3047		US	FIBER DISTRIBUTION HUB AND CABLE FOR USE THEREWITH	12/909,461	10/21/10		
2316.3047		US	Fiber Distribution Hub and Cable for Use Therewith	61/253,754	10/21/09		
2316.3049		US	Fiber Optic Connector and Method of Applying Same to a Fiber Optic Cable	13/106,524	5/12/11	8,870,469	10/28/14
2316.3049		US	Fiber Optic Connector and Method of Applying Same to a Fiber Optic Cable	61/333,800	5/12/10		
2316.3051		US	FIBER OPTIC CABLE ASSEMBLY	13/038,996	3/2/11	8,363,994	1/29/13
2316.3051		US	FIBER OPTIC CABLE ASSEMBLY	61/309,676	3/2/10		
2316.3051		US	FIBER OPTIC CABLE ASSEMBLY	61/394,218	10/18/10		
2316.3052		US	FIBER OPTIC CABLE	12/950,639	11/19/10	8,107,781	1/31/12
2316.3052		US	NON-ARMORED RODENT RESISTANT CABLE	61/263,234	11/20/09		
2316.3053		US	OPTICAL FIBER INTERCONNECT CABINETS, TERMINATION MODULES AND FIBER CONNECTIVITY MANAGEMENT FOR THE SAME	11/584,068	10/20/06	7,298,952	11/20/07
2316.3053		US	OPTICAL FIBER INTERCONNECT CABINETS, TERMINATION MODULES AND FIBER CONNECTIVITY MANAGEMENT FOR THE SAME	14/178,135	2/11/14		
2316.3053		US	OPTICAL FIBER INTERCONNECT CABINETS, TERMINATION MODULES AND FIBER CONNECTIVITY MANAGEMENT FOR THE SAME	12/592,274	11/20/09	RE44,758	2/11/14
2316.3053		US	OPTICAL FIBER INTERCONNECT CABINETS, TERMINATION MODULES AND FIBER CONNECTIVITY MANAGEMENT FOR THE SAME	10/799,328	3/12/04	7,142,764	11/28/06

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3053		US	Optical fiber interconnect cabinets, termination modules and fiber connectivity management for the same	60/456,323	3/20/03		
2316.3057		US	Fiber Optic Cable Assembly	12/950,665	11/19/10	8,500,341	8/6/13
2316.3057		US	Fiber Optic Cable Assembly	61/263,166	11/20/09		
2316.3069		US	COMMUNICATIONS BLADED PANEL SYSTEMS	14/574,596	12/18/14		
2316.3069		US	COMMUNICATIONS BLADED PANEL SYSTEMS	14/574,663	12/18/14		
2316.3069		US	COMMUNICATIONS BLADED PANEL SYSTEMS	14/593,681	1/9/15		
2316.3069		US	COMMUNICATIONS BLADED PANEL SYSTEMS	14/686,948	4/15/15		
2316.3069		US	COMMUNICATIONS BLADED PANEL SYSTEMS	13/025,730	2/11/11	8,934,252	1/13/15
2316.3069		US	COMMUNICATIONS BLADED PANEL SYSTEMS	13/025,737	2/11/11	8,934,253	1/13/15
2316.3069		US	COMMUNICATIONS BLADED PANEL SYSTEMS	13/025,743	2/11/11		
2316.3069		US	COMMUNICATIONS BLADED PANEL SYSTEMS	13/025,750	2/11/11	8,923,013	12/30/14
2316.3069		US	BLADED COMMUNICATIONS SYSTEM	61/303,948	2/12/10		
2316.3069		US	COMMUNICATIONS BLADED PANEL SYSTEM	61/413,844	11/15/10		
2316.3069		US	COMMUNICATIONS BLADED PANEL SYSTEMS	61/439,693	2/4/11		
2316.3071		US	MANAGED FIBER CONNECTIVITY SYSTEMS				
2316.3071		US	MANAGED FIBER CONNECTIVITY SYSTEMS	14/220,190	3/20/14		
2316.3071		US	MANAGED FIBER CONNECTIVITY SYSTEMS	13/025,784	2/11/11		
2316.3071		US	MANAGED FIBER CONNECTIVITY SYSTEMS	13/025,788	2/11/11		
2316.3071		US	MANAGED FIBER CONNECTIVITY SYSTEMS	13/025,797	2/11/11		
2316.3071		US	MANAGED FIBER CONNECTIVITY SYSTEMS	13/025,841	2/11/11	8,690,593	4/8/14
2316.3071		US	FIBER PLUGS AND ADAPTERS FOR MANAGED CONNECTIVITY	61/303,961	2/12/10		
2316.3071		US	FIBER PLUGS AND ADAPTERS FOR MANAGED CONNECTIVITY	61/413,828	11/15/10		
2316.3071		US	FIBER PLUG AND ADAPTER FOR MANAGED CONNECTIVITY	61/437,504	1/28/11		
2316.3080		US	INSECT-INFESTATION PREVENTION DEVICE FOR TELECOMMUNICATIONS EQUIPMENT	13/010,519	1/20/11	8,824,850	9/2/14
2316.3080		US	INSECT-INFESTATION PREVENTION DEVICE FOR TELECOMMUNICATIONS EQUIPMENT	61/298,432	1/26/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3083		US	MT FERRULE RECESS TOOL	13/087,868	4/15/11		
2316.3083		US	Recess Forming Tool for Preparing Fiber Optic Ferrule Endfaces	61/325,140	4/16/10		
2316.3089		US	LC CONNECTOR AND METHOD OF ASSEMBLY	13/308,209	11/30/11	8,753,022	6/17/14
2316.3089		US	LC CONNECTOR AND METHOD OF ASSEMBLY	14/272,948	5/8/14		
2316.3089		US	LC SHROUD AND REAR HOUSING DESIGN IMPROVEMENT	61/418,252	11/30/10		
2316.3090		US	CABLE MANAGEMENT IN RACK SYSTEMS	13/295,742	11/14/11	8,842,445	9/23/14
2316.3090		US	CABLE MANAGEMENT IN RACK SYSTEMS	14/477,455	9/4/14		
2316.3090		US	CABLE MANAGEMENT IN RACK SYSTEMS	14/822,517	8/10/15		
2316.3090		US	CABLE MANAGEMENT IN RACK SYSTEMS	61/413,856	11/15/10		
2316.3090		US	CABLE MANAGEMENT IN RACK SYSTEMS	61/466,696	3/23/11		
2316.3091		US	CONNECTOR WITH SLIDEABLE RETENTION FEATURE AND PATCH CORD HAVING THE SAME	13/528,273	6/20/12	8,684,763	4/1/14
2316.3091		US	CONNECTOR WITH SLIDEABLE RETENTION FEATURE AND PATCH CORD HAVING THE SAME	14/230,496	3/31/14		
2316.3091		US	CONNECTOR WITH SLIDEABLE RETENTION FEATURE AND PATCH CORD HAVING THE SAME	61/499,475	6/21/11		
2316.3093		US	FIBER TO THE ANTENNA	13/087,022	4/14/11		
2316.3093		US	FIBER TO THE ANTENNA	14/749,213	6/24/15		
2316.3093		US	Fiber to the Antenna	61/324,245	4/14/10		
2316.3103		US	FIBER DISTRIBUTION HUB WITH CONNECTORIZED STUB CABLES	13/040,053	3/3/11	8,649,649	2/11/14
2316.3103		US	FIBER DISTRIBUTION HUB WITH CONNECTORIZED STUB CABLES	61/310,214	3/3/10		
2316.3108		US	ELECTRICAL PLUG WITH MAIN CONTACTS AND RETRACTABLE SECONDARY CONTACTS	13/228,523	9/9/11	8,696,369	4/15/14
2316.3108		US	ELECTRICAL PLUG WITH MAIN CONTACTS AND RETRACTABLE SECONDARY CONTACTS	61/381,241	9/9/10		
2316.3110		US	OPTICAL FIBER DRAWER WITH CONNECTORIZED STUB CABLE	13/069,932	3/23/11		
2316.3110		US	Optical Fiber Drawer with Connectorized Stub Cable	61/317,158	3/24/10		
2316.3111		US	PLUG CONTACT ARRANGEMENT AND THE MANUFACTURE THEREOF	13/273,682	10/14/11	8,388,386	3/5/13
2316.3111		US	PLUG CONTACT ARRANGEMENT AND THE MANUFACTURE THEREOF	61/405,902	10/22/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3114		US	CONTACT SET ARRANGEMENT FOR RIGHT ANGLE JACK	13/273,703	10/14/11	8,480,438	7/9/13
2316.3114		US	CONTACT SET ARRANGEMENT FOR RIGHT ANGLE JACK	13/937,773	7/9/13	8,795,003	8/5/14
2316.3114		US	CONTACT SET ARRANGEMENT FOR RIGHT ANGLE JACK	61/405,945	10/22/10		
2316.3115		US	SINGLE-PIECE PLUG NOSE	13/273,691	10/14/11		
2316.3115		US	SINGLE-PIECE PLUG NOSE	14/662,882	3/19/15		
2316.3115		US	SINGLE-PIECE PLUG NOSE	61/405,865	10/22/10		
2316.3116		US	METHODS AND SYSTEMS FOR DISTRIBUTING FIBER OPTIC TELECOMMUNICATION SERVICES TO LOCAL AREAS AND FOR SUPPORTING DISTRIBUTED ANTENNA SYSTEM	14/486,453	9/15/14		
2316.3116		US	METHODS AND SYSTEMS FOR DISTRIBUTING FIBER OPTIC TELECOMMUNICATION SERVICES TO LOCAL AREAS AND FOR SUPPORTING DISTRIBUTED ANTENNA SYSTEM	13/086,909	4/14/11	8,837,940	9/16/14
2316.3116		US	METHODS AND SYSTEMS FOR DISTRIBUTING FIBER OPTIC TELECOMMUNICATION SERVICES TO LOCAL AREAS AND FOR SUPPORTING DISTRIBUTED ANTENNA SYSTEM	61/324,284	4/14/10		
2316.3122		US	SPLICE ENCLOSURE ARRANGEMENT FOR FIBER OPTIC CABLES	13/315,570	12/9/11	8,885,998	11/11/14
2316.3122		US	Splice Enclosure Arrangement for Fiber Optic Cables	61/421,314	12/9/10		
2316.3124		US	FIBER OPTIC CABLE WITH MEDIAL BUMP	13/111,483	5/19/11	8,238,706	8/7/12
2316.3124		US	FIBER OPTIC CABLE WITH MEDIAL BUMP	61/346,261	5/19/10		
2316.3126		US	FIBER DISTRIBUTION HUB WITH PASS-THROUGH INTERFACES	13/102,463	5/6/11	8,891,927	11/18/14
2316.3126		US	Fiber Distribution Hub with Pass-Through Interfaces	61/332,576	5/7/10		
2316.3127		US	SPLICE ENCLOSURE ARRANGEMENT FOR FIBER OPTIC CABLES	14/549,687	11/21/14		
2316.3127		US	SPLICE ENCLOSURE ARRANGEMENT FOR FIBER OPTIC CABLES	13/106,371	5/12/11	8,915,659	12/23/14
2316.3127		US	Splice Enclosure Arrangement for Fiber Optic Cables	61/334,815	5/14/10		
2316.3127		US	Splice Enclosure Arrangement for Fiber Optic Cables	61/421,353	12/9/10		
2316.3128		US	Rapid Universal Rack Mount Enclosure	13/475,471	5/18/12	8,737,796	5/27/14
2316.3128		US	TOOL-LESS RAPID CO PANEL	61/488,597	5/20/11		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3136		US	RUGGEDIZED MULTI-FIBER FIBER OPTIC CONNECTOR WITH SEALED DUST CAP	14/024,272	9/11/13	8,939,654	1/27/15
2316.3136		US	RUGGEDIZED MULTI-FIBER FIBER OPTIC CONNECTOR WITH SEALED DUST CAP	14/605,390	1/26/15		
2316.3136		US	RUGGEDIZED MULTI-FIBER FIBER OPTIC CONNECTOR WITH SEALED DUST CAP	61/706,414	9/27/12		
2316.3137		US	RAPID MULTI-SERVICE TERMINAL	13/698,752	11/19/12		
2316.3137		US	RAPID MULTI-SERVICE TERMINAL	14/813,453	7/30/15		
2316.3137		US	RAPID MULTI-SERVICE TERMINAL	61/346,415	5/19/10		
2316.3139		US	IN-LINE SPLICE WITH INTEGRATED SPLICE HOLDER	13/111,578	5/19/11	8,388,242	3/5/13
2316.3139		US	IN-LINE SPLICE WITH INTEGRATED SPLICE HOLDER	61/346,355	5/19/10		
2316.3139		US	IN-LINE SPLICE WITH INTEGRATED SPLICE HOLDER	61/394,226	10/18/10		
2316.3140		US	LASHING TOGETHER MULTIPLE FIBER OPTIC TELECOMMUNICATIONS CABLES	13/111,606	5/19/11	8,805,151	8/12/14
2316.3140		US	Methods and Systems for Lashing Together Multiple Fiber Optic Telecommunications Cables	61/346,290	5/19/10		
2316.3143		US	RAPID DEPLOYMENT PACKAGING FOR OPTICAL FIBER	14/034,821	9/24/13		
2316.3143		US	RAPID DEPLOYMENT PACKAGING FOR OPTICAL FIBER	61/706,969	9/28/12		
2316.3143		US	RAPID DEPLOYMENT PACKAGING FOR OPTICAL FIBER	61/846,286	7/15/13		
2316.3145		US	TELECOMMUNICATIONS ASSEMBLY	14/060,223	10/22/13	8,938,147	1/20/15
2316.3145		US	TELECOMMUNICATIONS ASSEMBLY	14/597,936	1/15/15		
2316.3145		US	TELECOMMUNICATIONS ASSEMBLY	13/167,550	6/23/11	8,565,572	10/22/13
2316.3145		US	TELECOMMUNICATIONS ASSEMBLY	61/357,898	6/23/10		
2316.3145		US	TELECOMMUNICATIONS ASSEMBLY	61/378,710	8/31/10		
2316.3145		US	TELECOMMUNICATIONS ASSEMBLY	61/487,542	5/18/11		
2316.3149		US	CABLE SPOOL ASSEMBLY	14/720,091	5/22/15		
2316.3149		US	CABLE SPOOL ASSEMBLY	13/195,939	8/2/11		
2316.3149		US	DOUBLE CABLE SPOOL	61/370,070	8/2/10		
2316.3149		US	RAPID MST WITH REELFLEX FLAT DROP CABLE	61/488,572	5/20/11		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3150		US	ARCHITECTURE FOR A FIBER OPTIC NETWORK	14/574,672	12/18/14		
2316.3150		US	ARCHITECTURE FOR A FIBER OPTIC NETWORK	13/196,623	8/2/11		
2316.3150		US	ARCHITECTURE FOR A FIBER OPTIC NETWORK	61/370,073	8/2/10		
2316.3157		US	FIBER OPTIC JUMPER CABLES AND TRACING METHOD USING SAME	08/275,973	7/15/94	5,666,453	9/9/97
2316.3158		US	FIBER OPTIC TELECOMMUNICATIONS MODULE	13/100,840	5/4/11	8,600,208	12/3/13
2316.3158		US	FIBER OPTIC TELECOMMUNICATIONS MODULE	61/376,401	8/24/10		
2316.3159		US	ADAPTER PLATE FOR FIBER OPTIC MODULE	13/432,762	3/28/12		
2316.3159		US	ADAPTER PLATE FOR FIBER OPTIC MODULE	61/470,222	3/31/11		
2316.3160		US	METHOD FOR TERMINATING A FIBER OPTIC CABLE	13/229,036	9/9/11	8,544,171	10/1/13
2316.3160		US	METHOD FOR TERMINATING A FIBER OPTIC CABLE	61/382,676	9/14/10		
2316.3161		US	METHOD FOR TERMINATING A FIBER OPTIC CABLE	13/229,063	9/9/11	8,870,473	10/28/14
2316.3161		US	METHOD FOR FUSION SPLICING A FIBER OPTIC CABLE	61/382,682	9/14/10		
2316.3167		US	FDH ENCLOSURE	61/484,548	5/10/11		
2316.3168		US	Tray Assembly for a Fiber Optic Enclosure	13/292,568	11/9/11	8,494,332	7/23/13
2316.3168		US	Tray Assembly for a Fiber Optic Enclosure	61/413,786	11/15/10		
2316.3169		US	SYSTEM AND METHOD FOR ANCHORING FIBER OPTIC CABLES TO PROVIDE STRAIN RELIEF	13/282,004	10/26/11	8,620,128	12/31/13
2316.3169		US	SYSTEM AND METHOD FOR ANCHORING FIBER OPTIC CABLES TO PROVIDE STRAIN RELIEF	14/143,858	12/30/13		
2316.3169		US	System and Method for Anchoring Fiber Optic Cables to Provide Strain Relief	61/406,830	10/26/10		
2316.3174		US	FIBER OPTIC CABLE ASSEMBLY WITH INTEGRAL STRAIN RELIEF	13/396,312	2/14/12		
2316.3174		US	FIBER OPTIC CABLE ASSEMBLY WITH INTEGRAL STRAIN RELIEF	61/442,627	2/14/11		
2316.3177		US	CABLE SHROUD ASSEMBLY FOR FIBER OPTIC ENCLOSURE	13/976,275	6/26/13		
2316.3180		US	OPTICAL ADAPTER WITH TILT FEATURE	14/013,844	8/29/13		
2316.3180		US	OPTICAL ADAPTER WITH TILT FEATURE	61/695,845	8/31/12		
2316.3183		US	FAN-OUT AND PARKING MODULE	13/331,591	12/20/11	8,873,922	10/28/14
2316.3183		US	FAN-OUT AND PARKING MODULE	61/425,140	12/20/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3185		US	FIBER OPTIC CABLE WITH ELECTRICAL CONDUCTORS	13/371,899	2/13/12		
2316.3185		US	FIBER OPTIC CABLE WITH ELECTRICAL CONDUCTORS	61/442,619	2/14/11		
2316.3185		US	FIBER OPTIC CABLE WITH ELECTRICAL CONDUCTORS	61/586,362	1/13/12		
2316.3186		US	Cable enclosure assemblies and methods for using the same	13/272,849	10/13/11		
2316.3186		US	Cable enclosure assemblies and methods for using the same - REISSUE OF US PAT NO 7,477,826	12/930,789	1/13/11		
2316.3192		US	SPOOL FOR TELECOMMUNICATIONS CABLE AND METHOD	13/025,779	2/11/11	8,720,810	5/13/14
2316.3193		US	OPTICAL FIBER LOOPBACK ADAPTER	14/020,204	9/6/13		
2316.3193		US	OPTICAL FIBER LOOPBACK ADAPTER	61/698,300	9/7/12		
2316.3195		US	FIBER OPTIC CLOSURE	13/397,884	2/16/12	8,861,919	10/14/14
2316.3195		US	FIBER OPTIC CLOSURE	14/495,110	9/24/14		
2316.3195		US	FIBER OPTIC CLOSURE	14/716,347	5/19/15		
2316.3195		US	FIBER OPTIC CLOSURE	61/443,501	2/16/11		
2316.3195		US	FIBER OPTIC CLOSURE	61/468,405	3/28/11		
2316.3196		US	FIBER MANAGEMENT PANEL	13/594,474	8/24/12		
2316.3196		US	NG3 CHASSIS	61/526,983	8/24/11		
2316.3199		US	MANAGED FIBER CONNECTIVITY SYSTEMS	13/446,607	4/13/12	8,757,895	6/24/14
2316.3199		US	MANAGED FIBER CONNECTIVITY SYSTEMS	14/271,552	5/7/14		
2316.3199		US	MANAGED FIBER CONNECTIVITY SYSTEMS	61/476,032	4/15/11		
2316.3200		US	MANAGED ELECTRICAL CONNECTIVITY SYSTEMS	13/446,574	4/13/12	8,715,012	5/6/14
2316.3200		US	MANAGED ELECTRICAL CONNECTIVITY SYSTEMS	14/246,251	4/7/14		
2316.3200		US	MANAGED ELECTRICAL CONNECTIVITY SYSTEMS	14/611,782	2/2/15		
2316.3200		US	MANAGED ELECTRICAL CONNECTIVITY SYSTEMS	61/476,041	4/15/11		
2316.3201		US	STRAIN RELIEF BOOT FOR A FIBER OPTIC CONNECTOR	13/420,301	3/14/12	8,702,323	4/22/14
2316.3201		US	STRAIN RELIEF BOOT FOR A FIBER OPTIC CONNECTOR	14/224,344	3/25/14		
2316.3201		US	STRAIN RELIEF BOOT FOR 1.2 MM CABLE	61/452,935	3/15/11		
2316.3202		US	FIBER OPTIC CONNECTOR	13/420,286	3/14/12	8,636,425	1/28/14

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3202		US	FIBER OPTIC CONNECTOR FOR 1.2 MM CABLE	14/154,352	1/14/14		
2316.3202		US	FIBER OPTIC CONNECTOR FOR 1.2 MM CABLE	61/452,953	3/15/11		
2316.3202		US	FIBER OPTIC CONNECTOR FOR 1.2 MM CABLE	61/510,711	7/22/11		
2316.3203		US	METHODS FOR PROCESSING A MULTI-FIBER FERRULE	13/445,096	4/12/12	8,740,474	6/3/14
2316.3203		US	METHODS FOR PROCESSING A MULTI-FIBER FERRULE	61/474,545	4/12/11		
2316.3206		US	LABELING OF HIGH DENSITY SHELVES/CABINETS	61/589,004	1/20/12		
2316.3207		US	NANO-CASSETTES AND RAPID DEPLOYMENT PACKAGING	13/645,634	10/5/12		
2316.3207		US	FIBER OPTIC CASSETTE, SYSTEM, AND METHOD	61/544,987	10/7/11		
2316.3213		US	FIBER OPTIC COMPONENT TRAY	13/432,621	3/28/12	8,913,868	12/16/14
2316.3213		US	COMPONENT TRAY	61/468,438	3/28/11		
2316.3215		US	OPTICAL SPLITTING COMPONENT	13/446,150	4/13/12	8,855,457	10/7/14
2316.3215		US	METHOD FOR PREPARING SPLITTER OUTPUTS	61/474,823	4/13/11		
2316.3216		US	SHRINK TUBE WITH STRAIN RELIEF	61/681,928	8/10/12		
2316.3217		US	Drop Cable with Fiber Ribbon Conforming to Fiber Passage	14/709,254	5/11/15		
2316.3217		US	Drop Cable with Fiber Ribbon Conforming to Fiber Passage	13/555,621	7/23/12		
2316.3217		US	DROP CABLE WITH FLEXIBLE RIBBON	61/510,316	7/21/11		
2316.3218		US	DROP CABLE WITH BALANCED STRENGTH MEMBER	13/555,644	7/23/12		
2316.3218		US	DROP CABLE WITH BALANCED STRENGTH MEMBER	61/510,326	7/21/11		
2316.3219		US	DROP CABLE WITH ANGLED REINFORCING MEMBER CONFIGURATIONS	13/555,659	7/23/12	8,781,281	7/15/14
2316.3219		US	DROP CABLE WITH SHAPED STRENGTH MEMBER	61/510,334	7/21/11		
2316.3222		US	STRAIN-RELIEF BRACKET FOR FIBER OPTIC CLOSURE	13/444,528	4/11/12	8,774,585	7/8/14
2316.3222		US	OPTICAL STRAIN RELIEF BRACKET	61/474,500	4/12/11		
2316.3223		US	SYSTEMS AND METHODS FOR THE MANAGEMENT OF FIBER OPTIC CABLES	13/607,248	9/7/12	8,805,153	8/12/14
2316.3223		US	SYSTEMS AND METHODS FOR THE MANAGEMENT OF FIBER OPTIC CABLES	14/341,971	7/28/14		
2316.3223		US	CABLE RADIUS LIMITER	61/535,660	9/16/11		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3226		US	CABLE GUIDE WITH LATCH	61/535,677	9/16/11		
2316.3227		US	ADJUSTABLE CABLE MANAGER	13/545,061	7/10/12		
2316.3227		US	HIGH DENSITY ADJUSTABLE CABLE MANAGER/CABLE	61/508,155	7/15/11		
2316.3233		US	FIBER OPTIC CABLE FOR MULTI-DWELLING UNIT (MDU) AND COMMERCIAL BUILDING DEPLOYMENTS	11/891,553	8/10/07	7,546,018	6/9/09
2316.3233		US	WALL-MOUNTABLE OPTICAL FIBER AND CABLE MANAGEMENT APPARATUS	14/492,970	9/22/14		
2316.3233		US	WALL-MOUNTABLE OPTICAL FIBER AND CABLE MANAGEMENT APPARATUS	11/728,785	3/27/07	7,400,814	7/15/08
2316.3233		US	FIBER OPTIC CABLE DISTRIBUTION BOX	12/156,297	5/30/08	7,522,806	4/21/09
2316.3233		US	Fiber Optic Cable Distribution Box	13/091,851	4/21/11	RE45,153	9/23/14
2316.3233		US	Multidwelling Unit (MDU) Drop Box for Fiber Optic Cables	60/880,169	1/13/07		
2316.3234		US	RACK AND CHASSIS FOR FIBER OPTIC SLIDING ADAPTER MODULES	13/455,318	4/25/12		
2316.3234		US	LC ADAPTER SLIDING 12 PACK	61/478,775	4/25/11		
2316.3237		US	WALL BOX WITH PLATE MOUNTED MODULES	61/500,764	6/24/11		
2316.3237		US	WALL BOX WITH PLATE MOUNTED MODULES	61/507,270	7/13/11		
2316.3238		US	FIBER TERMINATION ENCLOSURE WITH MODULAR PLATE ASSEMBLIES	14/127,851	12/19/13		
2316.3238		US	Fiber Termination Enclosure with Internal Cable Spool Assembly	61/500,769	6/24/11		
2316.3238		US	Fiber Termination Enclosure with Internal Cable Spool Assembly	61/507,263	7/13/11		
2316.3244		US	FIBER OPTIC CONNECTOR AND CABLE ASSEMBLY HAVING A FIBER LOCKING MECHANISM	13/552,856	7/19/12	8,864,391	10/21/14
2316.3244		US	FIBER OPTIC CONNECTOR AND CABLE ASSEMBLY HAVING A FIBER LOCKING MECHANISM	14/490,219	9/18/14		
2316.3244		US	FIBER LOCKING IN CABLE TERMINATION	61/510,888	7/22/11		
2316.3244		US	FIBER LOCKING IN CABLE TERMINATION	61/526,996	8/24/11		
2316.3245		US	OPTICAL FIBER CABLE HAVING REINFORCING LAYER OF TAPE HEAT-BONDED TO JACKET	13/974,830	8/23/13		
2316.3245		US	OPTICAL FIBER CABLE HAVING REINFORCING LAYER OF TAPE HEAT-BONDED TO JACKET	61/693,051	8/24/12		
2316.3246		US	Component Identification and Tracking System for Telecommunication Networks	14/116,666	11/8/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3246		US	Component Identification and Tracking System for Telecommunication Networks	14/712,536	5/15/15		
2316.3246		US	Component Identification and Tracking System for Telecommunication Networks	61/487,178	5/17/11		
2316.3246		US	Component Identification and Tracking System for Telecommunication Networks	61/591,576	1/27/12		
2316.3247		US	MULTI-FIBER FIBER OPTIC CONNECTION SYSTEM WITH FLEXIBLE, INSERTABLE PINS	13/715,176	12/14/12		
2316.3247		US	MULTI-FIBER FIBER OPTIC CONNECTION SYSTEM WITH FLEXIBLE, INSERTABLE PINS	61/570,654	12/14/11		
2316.3248		US	OPTICAL FIBER CONNECTION SYSTEM	13/607,283	9/7/12		
2316.3248		US	OPTICAL FIBER CONNECTION SYSTEM	14/666,026	3/23/15		
2316.3248		US	OPTICAL FIBER CONNECTION SYSTEM	61/531,855	9/7/11		
2316.3254		US	FIBER OPTIC CABLE PACKAGING MANAGEMENT	14/345,101	3/14/14		
2316.3254		US	FIBER OPTIC PACKAGING MANAGEMENT	61/535,818	9/16/11		
2316.3254		US	PACKAGING CABLE MANAGEMENT	61/576,647	12/16/11		
2316.3259		US	MULTI-FIBER CONNECTOR WITH SIDE LOADING OF FERRULE	14/360,383	5/23/14		
2316.3259		US	MULTI-FIBER CONNECTOR WITH SIDE LOADING OF FERRULE	61/563,275	11/23/11		
2316.3264		US	CABLE SEALING ARRANGEMENT FOR A CONNECTOR	61/650,268	5/22/12		
2316.3266		US	TEST FIXTURE FOR STRIP SAMPLES	13/605,543	9/6/12	8,850,898	10/7/14
2316.3266		US	THREE POINT BEND FIXTURE, VARIABLE MATERIAL THICKNESS	61/531,340	9/6/11		
2316.3267		US	GUIDED CABLE STORAGE ASSEMBLY WITH SWITCHBACKS	13/873,665	4/30/13		
2316.3267		US	GUIDED CABLE STORAGE ASSEMBLY WITH SWITCHBACKS	61/640,410	4/30/12		
2316.3268		US	CABLE PAYOUT CASSETTE WITH SINGLE LAYER CABLE STORAGE AREA	13/872,592	4/29/13		
2316.3268		US	CABLE PAYOUT CASSETTE WITH SINGLE LAYER CABLE STORAGE AREA	61/640,422	4/30/12		
2316.3269		US	SYSTEMS AND METHODS FOR THE MANAGEMENT OF FIBER OPTIC CABLES	13/607,274	9/7/12		
2316.3269		US	CABLE RADIUS LIMITER	61/535,699	9/16/11		
2316.3270		US	PAYOUT SPOOL WITH AUTOMATIC CABLE DISCONNECT/RECONNECT	13/873,709	4/30/13		
2316.3270		US	PAYOUT SPOOL WITH AUTOMATIC CABLE DISCONNECT/RECONNECT	61/640,435	4/30/12		
2316.3271		US	DROP-IN GROUNDING ELEMENT FOR CABLE MANAGEMENT SYSTEM	13/724,614	12/21/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3271		US	DROP-IN GROUNDING ELEMENT FOR CABLE MANAGEMENT SYSTEM	61/579,311	12/22/11		
2316.3272		US	CABLE SLACK STORAGE FOR WALL OUTLET	13/724,547	12/21/12		
2316.3272		US	CABLE SLACK STORAGE FOR WALL OUTLET	61/579,892	12/23/11		
2316.3278		US	OPTICALLY POWERED MEDIA CONVERTERS AND SENSORS	14/206,986	3/12/14		
2316.3278		US	OPTICALLY POWERED MEDIA CONVERTERS AND SENSORS	61/778,109	3/12/13		
2316.3283		US	RAPID PANEL WITH FANOUT AND PULLING FEATURE	13/676,676	11/14/12	8,831,395	9/9/14
2316.3283		US	CABLE PULLING ARRANGEMENT	61/559,446	11/14/11		
2316.3284		US	MINI RAPID DELIVERY SPOOL	13/722,563	12/20/12		
2316.3284		US	MINI RDT 24 POSITION HINGED TRAY ON A SPOOL	61/578,960	12/22/11		
2316.3300		US	CABLE JACKET WITH TWO HALF-PIECES				
2316.3305		US	ADAPTER FOR FIBER OPTIC MODULE	14/343,291	3/6/14		
2316.3310		US	DISTRIBUTED PASSIVE OPTICAL NETWORKS	14/491,049	9/19/14		
2316.3310		US	DISTRIBUTED PASSIVE OPTICAL NETWORKS	13/588,045	8/17/12		
2316.3310		US	DISTRIBUTED PASSIVE OPTICAL NETWORKS	61/524,745	8/17/11		
2316.3312		US	SLIDING ADAPTER PACK WITH SLACK MANAGEMENT (FRONT/BACK)	13/645,756	10/5/12		
2316.3312		US	SLIDING ADAPTER PACK WITH SLACK MANAGEMENT (FRONT/BACK)	13/645,771	10/5/12		
2316.3312		US	FIBER CASSETTES	13/925,375	6/24/13		
2316.3312		US	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT	14/728,747	6/2/15		
2316.3312		US	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT	14/728,773	6/2/15		
2316.3312		US	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT	61/544,947	10/7/11		
2316.3312		US	Sliding Adapter Pack With Slack Managemet (Front/Back)	61/565,377	11/30/11		
2316.3312		US	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT	61/599,009	2/15/12		
2316.3312		US	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT	61/609,993	3/13/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3312		US	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT	61/649,752	5/21/12		
2316.3312		US	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT	61/650,772	5/23/12		
2316.3312		US	SLIDING ADAPTER PACK WITH SLACK MANAGEMENT (FRONT/BACK)	61/704,330	9/21/12		
2316.3313		US	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT (SIDE PULL)	13/645,674	10/5/12		
2316.3313		US	SLIDING ADAPTER PACK WITH SLACK MANAGEMENT (SIDE PULL)	61/544,965	10/7/11		
2316.3314		US	OPTICAL FIBER ALIGNMENT DEVICE AND METHOD	13/607,133	9/7/12		
2316.3314		US	OPTICAL FIBER ALIGNMENT DEVICE AND METHOD	14/666,065	3/23/15		
2316.3314		US	OPTICAL FIBER ALIGNMENT DEVICE AND METHOD	61/531,836	9/7/11		
2316.3315		US	TOOLS AND METHODS FOR PREPARING A FERRULE-LESS OPTICAL FIBER CONNECTOR	13/607,086	9/7/12		
2316.3315		US	TOOLS AND METHODS FOR PREPARING A FERRULE-LESS OPTICAL FIBER CONNECTOR	14/659,237	3/16/15		
2316.3315		US	TOOLS AND METHODS FOR PREPARING A FERRULE-LESS OPTICAL FIBER CONNECTOR	61/531,830	9/7/11		
2316.3316		US	OUTSIDE PLANT TERMINATION ENCLOSURE	13/628,545	9/27/12	8,770,861	7/8/14
2316.3316		US	OUTSIDE PLANT TERMINATION ENCLOSURE	61/539,851	9/27/11		
2316.3317		US	SLEEVELESS FIBER OPTIC ADAPTER				
2316.3318		US	WALL-MOUNT BOX WITH ISOLATED INTERIOR REGIONS	14/344,986	3/14/14		
2316.3318		US	WALL-MOUNT BOX WITH ISOLATED INTERIOR REGIONS	61/535,534	9/16/11		
2316.3324		US	DOUBLE SPRING ARM ON STOP LATCH	13/723,822	12/21/12		
2316.3324		US	COMMUNICATIONS BLADED PANEL SYSTEMS	61/579,952	12/23/11		
2316.3326		US	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT (SIDE PULL WITH LINKAGE)	13/645,653	10/5/12		
2316.3326		US	SLIDING ADAPTER PACK WITH SLACK MANAGEMENT (SIDE PULL WITH LINKAGE)	61/544,939	10/7/11		
2316.3328		US	Cable Anchoring System for a Fiber Optic Enclosure	13/886,389	5/3/13		
2316.3328		US	Cable Anchoring System for a Fiber Optic Enclosure				

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3328		US	Cable Anchoring System for a Fiber Optic Enclosure	61/642,707	5/4/12		
2316.3331		US	RACK AND CHASSIS FOR FIBER OPTIC SLIDING ADAPTER MODULES	13/645,930	10/5/12		
2316.3331		US	RACK AND CHASSIS FOR FIBER OPTIC SLIDING ADAPTER MODULES	61/544,754	10/7/11		
2316.3335		US	NON-METALLIC RODENT RESISTENT CABLE				
2316.3338		US	DUAL INNER DIAMETER FERRULE DEVICE WITH SMOOTH INTERNAL CONTOURS AND METHOD	13/648,580	10/10/12		
2316.3338		US	DUAL INNER DIAMETER FERRULE DEVICE WITH SMOOTH INTERNAL CONTOURS AND METHOD	14/642,210	3/9/15		
2316.3338		US	DUAL INNER DIAMETER FERRULE DEVICE WITH SMOOTH INTERNAL CONTOURS AND METHOD	61/545,444	10/10/11		
2316.3342		US	CABLE STORAGE SPOOL WITH CENTER FEED	13/872,655	4/29/13		
2316.3342		US	CABLE STORAGE SPOOL WITH CENTER FEED	61/640,449	4/30/12		
2316.3343		US	TERMINATED FIBER CABLE HANDLING SYSTEMS AND METHODS	14/038,066	9/26/13		
2316.3343		US	TERMINATED FIBER CABLE HANDLING SYSTEMS AND METHODS	61/707,517	9/28/12		
2316.3345		US	Elastomeric Material With Reduced Extender Mobility	13/955,243	7/30/13		
2316.3345		US	Hybrid Thermoplastic Gels and their Methods of Making	61/681,940	8/10/12		
2316.3346		US	OPTICAL FIBER PROTECTIVE TUBING ASSEMBLY	13/859,553	4/9/13		
2316.3346		US	OPTICAL FIBER PROTECTIVE TUBING ASSEMBLY	61/622,820	4/11/12		
2316.3347		US	EXTRUDED SEAL CARRIER AND METHOD OF USE	13/859,076	4/9/13		
2316.3347		US	EXTRUDED SEAL CARRIER	61/622,321	4/10/12		
2316.3348		US	DUST CAP FOR A TELECOMMUNICATIONS CONNECTOR	61/616,709	3/28/12		
2316.3364		US	GEL ENCAPSULATED BREAK-OUT CABLE ASSEMBLY				
2316.3365		US	LOW PRESSURE REACTION MOLDING HYBRID GEL	14/205,993	3/12/14		
2316.3365		US	LOW PRESSURE REACTION MOLDING HYBRID GEL	61/777,705	3/12/13		
2316.3368		US	ADAPTER PACK WITH REMOVABLE SLEEVES	14/015,598	8/30/13		
2316.3368		US	ADAPTER PACK WITH REMOVABLE SLEEVES	61/695,189	8/30/12		
2316.3370		US	MAGNET AND SUCTION CUP INSTALLATION ON BRAKE FINGERS	61/565,256	11/30/11		
2316.3371		US	FIBER OPTIC CONNECTORS	14/438,434	4/14/15		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3371		US	FIBER OPTIC CONNECTORS	61/718,218	10/25/12		
2316.3372		US	MULTI-METHOD TUNABLE FIBER OPTIC CONNECTOR	14/025,296	9/12/13		
2316.3372		US	MULTI-METHOD TUNABLE FIBER OPTIC CONNECTOR	14/735,867	6/10/15		
2316.3372		US	MULTI-METHOD TUNABLE FIBER OPTIC CONNECTOR	61/700,172	9/12/12		
2316.3375		US	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	13/744,800	1/18/13		
2316.3375		US	MINI RDT 24 POSITION ENCLOSURE WITH TEAR AWAY SPOOL SYSTEM	61/588,406	1/19/12		
2316.3376		US	CABLE CLAMP WITH STRAIN RELIEF	61/583,108	1/4/12		
2316.3384		US	FIBER OPTIC RAPID SPOOLING TOOL	11/983,171	11/7/07	7,748,660	7/6/10
2316.3384		US	FIBER OPTIC RAPID SPOOLING TOOL	60/945,611	6/22/07		
2316.3386		US	APPARATUS AND METHOD FOR CABLE STRENGTH MEMBER PROTECTION	61/570,676	12/14/11		
2316.3395		US	IN-CONNECTOR SPLICE AND METHOD OF ASSEMBLY	13/772,059	2/20/13		
2316.3395		US	IN-CONNECTOR SPLICE AND METHOD OF ASSEMBLY	14/684,911	4/13/15		
2316.3395		US	IN-CONNECTOR SPLICE AND METHOD OF ASSEMBLY	61/600,915	2/20/12		
2316.3395		US	IN-CONNECTOR SPLICE AND METHOD OF ASSEMBLY	61/661,667	6/19/12		
2316.3395		US	IN-CONNECTOR SPLICE AND METHOD OF ASSEMBLY	61/666,683	6/29/12		
2316.3395		US	IN-CONNECTOR SPLICE AND METHOD OF ASSEMBLY	61/691,621	8/21/12		
2316.3397		US	MULTI-FIBER PATCH CORD MANUFACTURING METHOD	61/583,837	1/6/12		
2316.3399		US	FIBER OPTIC ADAPTER BLOCK	13/737,689	1/9/13		
2316.3399		US	FIBER OPTIC ADAPTER BLOCK	14/737,804	6/12/15		
2316.3399		US	FIBER OPTIC ADAPTER BLOCK	61/587,245	1/17/12		
2316.3399		US	FIBER OPTIC ADAPTER BLOCK	61/704,288	9/21/12		
2316.3418		US	EXPANDED BEAM OPTICAL CONNECTOR HAVING HYDROPHOBIC COATING ON LENS	61/704,192	9/21/12		
2316.3420		US	Network Equipment Cabinet Modularization Method using Flexible Foil Based Optical Fibers and Flat Ribbon Style Power Cabling with Quareo CPID Capability	13/939,407	7/11/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3420		US	Network Equipment Cabinet Modularization Method using Flexible Foil Based Optical Fibers and Flat Ribbon Style Power Cabling with Quareo CPID Capability	61/670,414	7/11/12		
2316.3421		US	FIBER OPTIC CABLE PACKAGING ARRANGEMENT	14/381,907	8/28/14		
2316.3421		US	FIBER OPTIC CABLE PACKAGING ARRANGEMENT	61/604,991	2/29/12		
2316.3428		US	SPACER BOX AND INTERBAY CABLE MANAGEMENT PANEL	14/383,290	9/5/14		
2316.3428		US	SPACER BOX AND INTERBAY CABLE MANAGEMENT PANEL	61/608,008	3/7/12		
2316.3442		US	OPTICAL FIBER SPLICE ARRANGEMENT	61/714,490	10/16/12		
2316.3443		US	WALL OUTLET HAVING ENCLOSED SERVICE CONNECTION	13/859,283	4/9/13		
2316.3443		US	FIBER WALL BOX	61/622,276	4/10/12		
2316.3445		US	1.2 MM APC/UPC LC CONNECTOR	13/887,053	5/3/13		
2316.3445		US	1.2 MM APC/UPC LC CONNECTOR	61/642,122	5/3/12		
2316.3446		US	DEPLOYING OPTICAL FIBERS USING INDEXING TERMINALS	14/285,949	5/23/14		
2316.3446		US	DEPLOYING OPTICAL FIBERS USING INDEXING TERMINALS	61/618,156	3/30/12		
2316.3446		US	DEPLOYING OPTICAL FIBERS USING INDEXING TERMINALS	61/826,655	5/23/13		
2316.3446		US	DEPLOYING OPTICAL FIBERS USING BIDIRECTIONAL INDEXING TERMINALS	61/971,390	3/27/14		
2316.3446		US	INDEXING TERMINALS FOR SUPPORTING A BIDIRECTIONAL INDEXING ARCHITECTURE	62/018,220	6/27/14		
2316.3448		US	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	13/896,797	5/17/13		
2316.3448		US	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	14/745,571	6/22/15		
2316.3448		US	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	61/648,976	5/18/12		
2316.3448		US	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	61/670,460	7/11/12		
2316.3451		US	QUICK RELEASE HINGE	61/707,300	9/28/12		
2316.3453		US	CABLE ROUTING AND STORAGE SYSTEM	61/789,572	3/15/13		
2316.3454		US	FERRULES FOR FIBER OPTIC CONNECTORS	61/787,830	3/15/13		
2316.3455		US	MANUFACTURING AND USING FERRULE-LESS MULTI-FIBER CONNECTORS	14/020,243	9/6/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3455		US	MANUFACTURING AND USING FERRULE-LESS MULTI-FIBER CONNECTORS	61/698,147	9/7/12		
2316.3464		US	ACTIVE AND PASSIVE NORMAL THROUGH OPTICAL CONNECTORS	14/203,817	3/11/14		
2316.3464		US	ACTIVE AND PASSIVE NORMAL THROUGH OPTICAL CONNECTORS	61/792,098	3/15/13		
2316.3466		US	WALL OUTLET CONDUIT ADAPTOR				
2316.3473		US	RUGGEDIZED FIBER OPTIC CONNECTOR	14/402,728	11/21/14		
2316.3473		US	RUGGEDIZED FIBER OPTIC CONNECTOR	61/650,216	5/22/12		
2316.3477		US	SPLICE CASSETTES AND CHIPS	13/901,041	5/23/13		
2316.3477		US	SPLICE CASSETTES AND CHIPS	61/651,897	5/25/12		
2316.3478		US	SPLICE CHIPS FOR OPTICAL FIBER SPLICE CASSETTES	13/901,112	5/23/13		
2316.3478		US	SPLICE CHIPS FOR OPTICAL FIBER SPLICE CASSETTES	61/651,905	5/25/12		
2316.3478		US	4 ODF SPLICE CHIPS	61/704,055	9/21/12		
2316.3488		US	MANAGED ELECTRICAL CONNECTIVITY SYSTEMS	13/930,675	6/28/13		
2316.3488		US	MANAGED ELECTRICAL CONNECTIVITY SYSTEMS	14/809,789	7/27/15		
2316.3488		US	MANAGED ELECTRICAL CONNECTIVITY SYSTEMS	61/668,711	7/6/12		
2316.3523		US	MANAGED FIBER CONNECTIVITY SYSTEMS	13/939,826	7/11/13		
2316.3523		US	CHIP ON SC CONNECTOR INNER HOUSING	61/670,366	7/11/12		
2316.3527		US	MONITORING OPTICAL DECAY IN FIBER CONNECTIVITY SYSTEMS	13/937,654	7/9/13		
2316.3527		US	MONITORING OPTICAL DECAY IN FIBER CONNECTIVITY SYSTEMS	61/670,437	7/11/12		
2316.3528		US	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	13/937,673	7/9/13		
2316.3528		US	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	14/749,315	6/24/15		
2316.3528		US	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	61/670,412	7/11/12		
2316.3528		US	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	61/707,724	9/28/12		
2316.3534		US	OPTICAL FIBER FAN-OUT DEVICE	13/957,880	8/2/13		
2316.3534		US	OPTICAL FIBER FAN-OUT DEVICE	14/623,289	2/16/15		
2316.3534		US	FAN-OUT DEVICE	61/679,268	8/3/12		
2316.3548		US	MOLDED FERRULES FOR OPTICAL FIBERS	14/036,602	9/25/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3548		US	MOLDED FERRULES FOR OPTICAL FIBERS	61/707,389	9/28/12		
2316.3550		US	MODULAR HIGH DENSITY TELECOMMUNICATIONS FRAME AND CHASSIS SYSTEM	14/213,077	3/14/14		
2316.3550		US	MODULAR HIGH DENSITY TELECOMMUNICATIONS FRAME AND CHASSIS SYSTEM	61/790,127	3/15/13		
2316.3552		US	LOW PROFILE FACEPLATE HAVING MANAGED CONNECTIVITY	14/033,970	9/23/13		
2316.3552		US	PROFILE FACEPLATE HAVING MANAGED CONNECTIVITY	61/707,242	9/28/12		
2316.3553		US	FIBER OPTIC CONNECTOR AND FIBER OPTIC CABLE ASSEMBLY WITH FIBER OPTIC CABLE ANCHORED TO BOOT OF FIBER OPTIC CONNECTOR	61/776,427	3/11/13		
2316.3553		US	FIBER OPTIC CONNECTOR AND FIBER OPTIC CABLE ASSEMBLY WITH FIBER OPTIC CABLE ANCHORED TO BOOT OF FIBER OPTIC CONNECTOR	61/895,082	10/24/13		
2316.3554		US	FIBER OPTIC CASSETTE	14/432,013	3/27/15		
2316.3554		US	FIBER OPTIC CASSETTE	61/707,323	9/28/12		
2316.3555		US	MANUFACTURE AND TESTING OF FIBER OPTIC CASSETTE	14/432,038	3/27/15		
2316.3555		US	MANUFACTURE AND TESTING OF FIBER OPTIC CASSETTE	61/707,480	9/28/12		
2316.3556		US	DEVICE AND METHOD OF VENTING FURCATION TUBING	61/707,585	9/28/12		
2316.3557		US	SPLICE-ON CABLE BREAKOUT ASSEMBLY	14/036,628	9/25/13		
2316.3557		US	SPLICE-ON CABLE BREAKOUT ASSEMBLY	61/707,223	9/28/12		
2316.3558		US	MANAGED FIBER CONNECTIVITY SYSTEMS	13/958,205	8/2/13		
2316.3558		US	MANAGED FIBER CONNECTIVITY SYSTEMS	61/679,485	8/3/12		
2316.3563		US	OPTICAL WAVEGUIDE MODULE, SYSTEM AND METHOD	61/777,654	3/12/13		
2316.3563		US	OPTICAL WAVEGUIDE MODULE, SYSTEM AND METHOD	61/878,388	9/16/13		
2316.3571		US	REAR MOUNTING ADJUSTABLE SWINGING BRACKET	14/189,376	2/25/14		
2316.3571		US	REAR MOUNTING ADJUSTABLE SWINGING BRACKET	61/768,871	2/25/13		
2316.3572		US	ANCHORING CABLES TO RACK WITH SELF-LOCKING CABLE CLAMP ARRANGEMENTS	14/199,410	3/6/14		
2316.3572		US	ANCHORING CABLES TO RACK WITH SELF-LOCKING CABLE CLAMP ARRANGEMENTS	61/779,659	3/13/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3579		US	INSERTION AND REMOVAL TOOL FOR A FIBER OPTIC FERRULE ALIGNMENT	14/026,056	9/13/13		
2316.3579		US	INSERTION AND REMOVAL TOOL FOR A FIBER OPTIC FERRULE ALIGNMENT	61/704,271	9/21/12		
2316.3579		US	SPLIT SLEEVE INSERTION AND REMOVAL TOOL LC STAGGERED ADAPTER PACK	61/770,178	2/27/13		
2316.3583		US	SYSTEM FOR TESTING PASSIVE OPTICAL LINES	14/066,084	10/29/13		
2316.3583		US	SYSTEM FOR TESTING PASSIVE OPTICAL LINES	61/719,787	10/29/12		
2316.3597		US	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT	14/169,941	1/31/14		
2316.36		US	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT (CON OF U1)	14/830009	8/19/15		
2316.3597		US	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT	61/761,009	2/5/13		
2316.3597		US	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT	61/763,347	2/11/13		
2316.3597		US	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT	61/843,744	7/8/13		
2316.3597		US	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT	61/843,977	7/9/13		
2316.3601		US	ANCHORING CABLE TO RACK WITH WITH CABLE CLAMP ARRANGEMENTS	14/068,444	10/31/13		
2316.3601		US	ANCHORING CABLE TO RACK WITH WITH CABLE CLAMP ARRANGEMENTS	61/720,847	10/31/12		
2316.3601		US	ANCHORING CABLE TO RACK WITH WITH CABLE CLAMP ARRANGEMENTS	61/721,350	11/1/12		
2316.3606		US	Distributed Split Configuration for Multi-Dwelling Unit	14/648,811	6/1/15		
2316.3606		US	Distributed Split Configuration for Multi-Dwelling Unit	61/731,862	11/30/12		
2316.3607		US	FIELD INSTALLED CONNECTOR HOUSING ASSEMBLY	14/091,984	11/27/13		
2316.3607		US	FIELD INSTALLED CONNECTOR HOUSING ASSEMBLY	61/731,838	11/30/12		
2316.3609		US	ALIGNMENT MECHANISM FOR FERRULE-LESS BUCKLED FIBER CONNECTORS	61/882,930	9/26/13		
2316.3619		US	TELECOMMUNICATIONS SYSTEMS WITH MANAGED CONNECTIVITY	14/476,286	9/3/14		
2316.3619		US	TELECOMMUNICATIONS SYSTEMS WITH MANAGED CONNECTIVITY	61/873,688	9/4/13		
2316.3621		US	TELECOMMUNICATIONS ASSEMBLY WITH PATCH CORD STORAGE	14/201,147	3/7/14		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3621		US	TELECOMMUNICATIONS ASSEMBLY WITH PATCH CORD STORAGE	61/779,703	3/13/13		
2316.3625		US	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY	14/170,157	1/31/14		
2316.3625		US	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY	61/761,048	2/5/13		
2316.3625		US	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY	61/843,733	7/8/13		
2316.3627		US	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY	14/169,912	1/31/14		
2316.3627		US	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY	61/761,034	2/5/13		
2316.3627		US	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY	61/843,718	7/8/13		
2316.3631		US	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY	14/169,882	1/31/14		
2316.3631		US	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY	61/761,042	2/5/13		
2316.3631		US	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY	61/843,752	7/8/13		
2316.3642		US	FAN-OUT SUBASSEMBLY	14/151,320	1/9/14		
2316.3642		US	FAN-OUT SUBASSEMBLY	61/750,625	1/9/13		
2316.3643		US	SNAP-ON OR ULTRASONICALLY WELDED ARAMID RETENTION DEVICE				
2316.3644		US	SIMPLE CRIMP ARAMID RETENTION DEVICE				
2316.3659		US	SELF ENGAGING PORT PLUG FOR GEL CLOSURES	14/180,041	2/13/14		
2316.3659		US	SELF ENGAGING PORT PLUG FOR GEL CLOSURES	61/764,750	2/14/13		
2316.37		US	HYBRID POWER AND OPTICAL FIBER CABLE WITH CONDUCTIVE BUFFER TUBE	14/768046	8/14/15		
2316.3661		US	HYBRID POWER AND OPTICAL FIBER CABLE	61/765,997	2/18/13		
2316.3661		US	HYBRID POWER AND OPTICAL FIBER CABLE WITH CONDUCTIVE BUFFER TUBE	61/766,001	2/18/13		
2316.3662		US	HIGH DENSITY SPLITTER AGGREGATION MODULE				
2316.37		US	HIGH DENISTY SPLITTER AGGREGATION MODULE	14/770052	8/24/15		
2316.3662		US	HIGH DENSITY SPLITTER AGGREGATION MODULE	61/769,552	2/26/13		
2316.3662		US	HIGH DENSITY SPLITTER AGGREGATION MODULE	61/771,535	3/1/13		
2316.3669		US	MODULAR CONNECTOR WITH CROSSTALK COMPENSATION	61/793,304	3/15/13		
2316.3670		US	SYSTEMS AND METHOD FOR PROCESSING OPTICAL CABLE ASSEMBLIES	14/718,850	5/21/15		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3670		US	SYSTEMS AND METHOD FOR PROCESSING OPTICAL CABLE ASSEMBLIES	62/057,522	9/30/14		
2316.3670		US	SYSTEMS AND METHOD FOR PROCESSING OPTICAL CABLE ASSEMBLIES	62/002,514	5/23/14		
2316.3671		US	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT	14/187,470	2/24/14		
2316.3671		US	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT	61/770,165	2/27/13		
2316.3674		US	TELECOMMUNICATIONS CONNECTION DEVICE	61/832,621	6/7/13		
2316.3680		US	MODULAR CONNECTOR DESIGNED TO REDUCE ALIEN CROSSTALK	14/211,260	3/14/14		
2316.3680		US	MODULAR CONNECTOR DESIGNED TO REDUCE ALIEN CROSSTALK	61/792,208	3/15/13		
2316.3681		US	TAPER STRAIN RELIEF BOOT FOR FERRULE FLEX CONNECTORS	14/449,413	8/1/14		
2316.3681		US	TAPER STRAIN RELIEF BOOT FOR FERRULE FLEX CONNECTORS	61/861,831	8/2/13		
2316.3685		US	ARCHITECTURE FOR A WIRELESS NETWORK	61/802,989	3/18/13		
2316.3690		US	LOW PROFILE RADIUS LIMITER FOR FIBER PROTECTION SYSTEMS	14/340,041	7/24/14		
2316.3690		US	LOW PROFILE RADIUS LIMITER FOR FIBER PROTECTION SYSTEMS	61/858,367	7/25/13		
2316.3691		US	BAFFLE PLATE ASSEMBLY	14/299,722	6/9/14		
2316.3691		US	THERMAL BAFFLE	61/832,495	6/7/13		
2316.3699		US	EXPANDED BEAM USING FERRULE FLEX	61/857,020	7/22/13		
2316.3708		US	POWER/FIBER HYBRID CABLE	14/277,347	5/14/14		
2316.3708		US	POWER/FIBER HYBRID CABLE	61/823,125	5/14/13		
2316.3712		US	ADJUSTABLE CUT-IN PIECE FOR FIBER GUIDE	61/825,369	5/20/13		
2316.3712		US	ADJUSTABLE CUT-IN PIECE FOR FIBER GUIDE	61/883,741	9/27/13		
2316.3712		US	ADJUSTABLE CUT-IN PIECE FOR FIBER GUIDE	61/884,699	9/30/13		
2316.3712		US	ADJUSTABLE CUT-IN PIECE FOR FIBER GUIDE	61/910,727	12/2/13		
2316.3713		US	PCBs WITH 3D PRINTED METAL TRACINGS				
2316.3714		US	LENSED FIELD INSTALLABLE SINGLE FIBER OPTIC CONNECTOR				
2316.3715		US	WAVE DIVISION MULTIPLEXER ARRANGEMENT FOR SMALL CELL NETWORKS	14/468,913	8/26/14		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3715		US	WAVE DIVISION MULTIPLEXER ARRANGEMENT FOR SMALL CELL NETWORKS	61/869,984	8/26/13		
2316.3717		US	FIBER OPTIC CONNECTOR WITH ROTATIONAL INTERLOCK BETWEEN CONNECTOR HOUSING AND REAR INSERT	14/519,540	10/21/14		
2316.3717		US	FIBER OPTIC CONNECTOR WITH ROTATIONAL INTERLOCK BETWEEN CONNECTOR HOUSING AND REAR INSERT	61/893,590	10/21/13		
2316.3718		US	System and Method for Applying an Adhesive Coated Cable to a Surface	14/063,732	10/25/13		
2316.3718		US	System and Method for Applying an Adhesive Coated Cable to a Surface	61/718,340	10/25/12		
2316.3725		US	HINGE FOR TELECOMMUNICATIONS EQUIPMENT	61/869,967	8/26/13		
2316.3730		US	FIBER OPTIC CONNECTOR, FIBER OPTIC CONNECTOR AND CABLE ASSEMBLY, AND METHODS FOR MANUFACTURING	61/867,373	8/19/13		
2316.3731		US	FIBER OPTIC DEPLOYMENT CONFIGUARTION FOR MULTI-DWELLING UNITS AND OTHER APPLICATIONS	61/838,100	6/21/13		
2316.3756		US	POWER AND OPTICAL FIBER INTERFACE	14/331,873	7/15/14		
2316.3756		US	POWER AND OPTICAL FIBER INTERFACE	61/846,392	7/15/13		
2316.3769		US	FIBER OPTIC CABLE AND CONNECTOR ASSEMBLY INCLUDING INTEGRATED SIGNAL FILTRATION	61/857,040	7/22/13		
2316.3772		US	DISTRIBUTED WAVE DIVISION MULTIPLEXING SYSTEMS	61/846,853	7/16/13		
2316.3773		US	RUBBER PAD TO AID CONNECTOR CLEANING AND EFFICIENTLY USE CLEANING PAPER	61/881,282	9/23/13		
2316.3776		US	MODULAR PLUG CONTACT WITH INSERTION DEPTH LIMITER				
2316.3785		US	OPTICAL FIBER CONNECTOR AND CABLE ASSEMBLY WITH DUAL DIAMETER CRIMP SLEEVE	14/476,822	9/4/14		
2316.3785		US	OPTICAL FIBER CONNECTOR AND CABLE ASSEMBLY WITH DUAL DIAMETER CRIMP SLEEVE	61/874,567	9/6/13		
2316.3786		US	FIBER OPTIC CONNECTOR, FIBER OPTIC CONNECTOR AND CABLE ASSEMBLY, AND METHODS FOR MANUFACTURING	14/463,158	8/19/14		
2316.3786		US	FIBER OPTIC CONNECTOR, FIBER OPTIC CONNECTOR AND CABLE ASSEMBLY, AND METHODS FOR MANUFACTURING	61/867,402	8/19/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3791		US	ADJUSTABLE CABLE MANAGER	14/483,643	9/11/14		
2316.3791		US	ADJUSTABLE CABLE MANAGER	61/877,580	9/13/13		
2316.3795		US	TESTING PERFORMANCE OF OPTICAL FIBERS IN THE FIELD	14/472,067	8/28/14		
2316.3795		US	TESTING PERFORMANCE OF OPTICAL FIBERS IN THE FIELD	61/871,549	8/29/13		
2316.3795		US	TESTING PERFORMANCE OF OPTICAL FIBERS IN THE FIELD	61/919,435	12/20/13		
2316.3803		US	PACKAGING ASSEMBLY FOR TELECOMMUNICATIONS COMPONENTS	61/903,040	11/12/13		
2316.3805		US	GELS WITH SURFACE TREATED FILLERS AND SILANES				
2316.3806		US	MANAGED CONNECTIVITY INCLUDING FIBER CONNECTOR STORAGE	61/873,687	9/4/13		
2316.3808		US	ADAPTER FOR INSPECTION OF FIBER OPTIC CABLES	61/881,291	9/23/13		
2316.3808		US	ADAPTER FOR INSPECTION OF FIBER OPTIC CABLES	61/881,417	9/23/13		
2316.3812		US	TELECOMMUNICATIONS MODULE	14/533,224	11/5/14		
2316.3812		US	TELECOMMUNICATIONS MODULE	61/902,585	11/11/13		
2316.3830		US	SHIELDING CAP FOR MINIMIZING ALIEN CROSSTALK BETWEEN ADJACENT ELECTRICAL CONNECTORS OR OUTLET JACKS	14/694,393	4/23/15		
2316.3830		US	ELECTRICAL CONNECTOR WITH SHIELD CAP AND SHIELDED TERMINALS	61/982,958	4/23/14		
2316.3831		US	LC 12 POSITION CHASSIS				
2316.3832		US	LC PNP SHROUD				
2316.3833		US	LC PLUG AND PLAY SYSTEM				
2316.3837		US	TWO-SIDED OPTICAL FIBER MANAGEMENT TRAY AND METHOD OF USE	14/524,438	10/27/14		
2316.3837		US	TWO-SIDED OPTICAL FIBER MANAGEMENT TRAY AND METHOD OF USE	61/897,700	10/30/13		
2316.3837		US	TWO-SIDED OPTICAL FIBER MANAGEMENT TRAY AND METHOD OF USE	61/911,304	12/3/13		
2316.3837		US	TWO-SIDED OPTICAL FIBER MANAGEMENT TRAY AND METHOD OF USE	61/947,265	3/3/14		
2316.3843		US	MINIMIZED ALIEN CROSSTALK BETWEEN ADJACENT ELECTRICAL CONNECTORS OR OUTLET JACKS				

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3855		US	SC CONNECTOR FOR MANAGED CONNECTIVITY	14/611,924	2/2/15		
2316.3855		US	SC CONNECTOR FOR MANAGED CONNECTIVITY	61/937,374	2/7/14		
2316.3863		US	SELF INSTALLABLE FIBER DROP CABLE				
2316.3877		US	TWISTED PAIR CABLE WITH SHIELDING ARRANGEMENT	14/748,886	6/24/15		
2316.3877		US	TWISTED PAIR CABLE WITH SHIELDING ARRANGEMENT	62/016,304	6/24/14		
2316.3900		US	FIBER OPTIC CABLE STRENGTH MEMBER STRAIN RELIEF CLAMP	14/701,113	4/30/15		
2316.3900		US	FIBER OPTIC CABLE STRENGTH MEMBER STRAIN RELIEF CLAMP	61/987,108	5/1/14		
2316.3901		US	INDEPENDENT STRAIN RELIEF MODULE FOR FLAT DROP STYLE CABLES	14/734,768	6/9/15		
2316.3901		US	INDEPENDENT STRAIN RELEIF MODULE FOR FLAT DROP STYLE CABLES	62/017,518	6/26/14		
2316.3931		US	URASEAL CORNER GUIDES	62/103,839	1/15/15		
2316.3934		US	CABLE TERMINATION METHOD				
2316.3936		US	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT	14/607,485	1/28/15		
2316.3936		US	FIBER OPTIC CASSETTE WITH SPACER	61/932,339	1/28/14		
2316.3949		US	HARDENED OPTICAL POWER CONNECTION SYSTEM	61/937,291	2/7/14		
2316.3951		US	PULLING GRIP ASSEMBLY	62/097,636	12/30/14		
2316.3951		US	PULLING GRIP ASSEMBLY	14/738,295	6/12/15		
2316.3951		US	PULLING SLEEVE	62/011,457	6/12/14		
2316.3953		US	MODULAR ELEMENTS TRAY	14/631,481	2/25/15		
2316.3953		US	MODULAR ELEMENTS TRAY	61/944,341	2/25/14		
2316.3954		US	METHOD AND ALIGNMENT CHANNELS FOR WAVEGUIDES OPTIC FIBER CONNECTORS				
2316.3955		US	FIBER OPTIC MANAGED CONNECTIVITY BULKHEAD ADAPTER MODULE	14/669,166	3/26/15		
2316.3955		US	FIBER OPTIC MANAGED CONNECTIVITY BULKHEAD ADAPTER MODULE	61/970,410	3/26/14		
2316.3956		US	OPTICAL SPLITTER	14/676,212	4/1/15		
2316.3956		US	OPTICAL SPLITTER	61/975,414	4/4/14		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3958		US	PASSIVE OPTICAL NETWORK DISTRIBUTION SYSTEMS AND COMPONENTS THEREOF	14/636,497	3/3/15		
2316.3958		US	PASSIVE OPTICAL NETWORK DISTRIBUTION SYSTEMS AND COMPONENTS THEREOF	61/947,210	3/3/14		
2316.3961		US	METHOD FOR REMOVING AN ADHESIVE FROM A FIBER OPTIC CABLE OF AN ADHESIVE COATED CABLE ARRANGEMENT	62/012,745	6/16/14		
2316.3964		US	CAPACITIVE COMPENSATION	14/799,046	7/14/15		
2316.3964		US	CAPACITIVE COMPENSATION	62/024,754	7/15/14		
2316.3965		US	FIBER OPTIC DISTRIBUTION SYSTEM	14/677,069	4/2/15		
2316.3965		US	FIBER OPTIC DISTRIBUTION SYSTEM	61/974,845	4/3/14		
2316.3969		US	CAT6A AND CAT6 UNSHIELDED MODULAR PLUG WITH SLIM-LINE FEATURES				
2316.3970		US	LC ADAPTER GAGE PIN				
2316.3971		US	MANAGED CONNECTIVITY IN CABLE SPOOL ASSEMBLIES	14/695,168	4/24/15		
2316.3971		US	MANAGED CONNECTIVITY IN CABLE SPOOL ASSEMBLIES	62/036,326	8/12/14		
2316.3971		US	MANAGED CONNECTIVITY IN CABLE SPOOL ASSEMBLIES	61/984,175	4/25/14		
2316.3987		US	FIBER OPTIC ENCLOSURE FOR RETROFITTING PEDESTALS IN THE FIELD	62/049,007	9/11/14		
2316.3993		US	COMBINATION CRIMPED PULLING EYE				
2316.3994		US	LC SPLIT SLEEVE RETAINER				
2316.4057		US	CODING SYSTEM FOR FACILITATING INSTALLING A FIBER OPTIC NETWORK	62/019,108	6/30/14		
2316.4121		US	HIGH RETURN LOSS SHUTTER				
2316.4134		US	OPTICAL SIGNAL DETECTION - SPLICE WDM				
2316.4135		US	OPTICAL SIGNAL DETECTION - SPLICE BEAM SPLITTER				
2316.4142		US	MULTIFIBER LP				
2316.4145		US	OPTICAL FIBER CONNECTOR FOR MULTI-FIBER CABLE	62/150,575	4/21/15		
2316.4145		US	OPTICAL FIBER CONNECTOR FOR MULTI-FIBER CABLE	62/085,884	12/1/14		
2316.4145		US	OPTICAL FIBER CONNECTOR FOR MULTI-FIBER CABLE	14/790,607	7/2/15		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.4145		US	OPTICAL FIBER CONNECTOR FOR MULTI-FIBER CABLE	62/020,829	7/3/14		
2316.41		US	TOOLING AND METHOD FOR MANUFACTURING A FIBER OPTIC ARRAY				
2316.4156		US	U-CLIP RETENTION FOR FLAT DROP CABLES				
2316.4157		US	RELEASABLE CONNECTION INTERFACE FOR A FIBER OPTIC COMPONENT HOLDER	62/089,556	12/9/14		
2316.4158		US	BLADED CHASSIS SYSTEM	62/159,084	5/8/15		
2316.4158		US	BLADED CHASSIS SYSTEM	62/082,429	11/20/14		
2316.4158		US	HIGH DENSITY QUICK INSTALL CHASSIS FOR SUPERCENTERS AND HYPERCENTERS/CENTRAL OFFICE	14/747,854	6/23/15		
2316.4158		US	BLADED CHASSIS SYSTEM	62/015,886	6/23/14		
2316.4158		US	BLADED CHASSIS SYSTEM	62/018,193	6/27/14		
2316.4161		US	FIBER CABLE FAN-OUT ASSEMBLY AND METHOD	14/747,282	6/23/15		
2316.4161		US	FIBER CABLE FAN-OUT ASSEMBLY AND METHOD	62/015,956	6/23/14		
2316.4162		US	OPTICAL FERRULE FOR MULTI-FIBER CABLE AND HARDENED MULTI-FIBER OPTIC CONNECTOR THEREFORE	62/091,914	12/15/14		
2316.4162		US	OPTICAL FERRULE FOR MULTI-FIBER CABLE	14/793,324	7/7/15		
2316.4162		US	OPTICAL FERRULE FOR MULTI-FIBER CABLE	62/021,455	7/7/14		
2316.4163		US	TOOL AND TIP WITH SLOT				
2316.4164		US	HYBRID DONGLE CABLE ASSEMBLY	14/828186	8/17/15		
2316.4164		US	HYBRID DONGLE CABLE ASSEMBLY	62/038,798	8/18/14		
2316.4166		US	PoE extender module for bracket mounting				
2316.4167		US	METHODS FOR PROCESSING A MULTI-FIBER FERRULE USING A LASER				
2316.42		US	METHODS FOR PROCESSING A MULTI-FIBER FERRULE USING A LASER	14/831518	8/20/15		
2316.4167		US	METHODS FOR PROCESSING A MULTI-FIBER FERRULE USING A LASER	62/039,701	8/20/14		
2316.4178		US	CABLE PULLING ASSEMBLY	62/168,370	5/29/15		
2316.4180		US	OPTICAL CHEMICAL SENSOR / OPTICAL NOSE				
2316.4182		US	ENCLOSURE HANGER ASSEMBLY AND CABLE MANAGEMENT SYSTEM	14/814,946	7/31/15		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.4182		US	ENCLOSURE HANGER ASSEMBLY AND CABLE MANAGEMENT SYSTEM	62/031,244	7/31/14		
2316.42		US	FIBER STORAGE DEVICE	14/829015	8/18/15		
2316.4183		US	FIBER STORAGE DEVICE	62/038,547	8/18/14		
2316.4184		US	HAMMERHEAD LATCH				
2316.4185		US	HIGH DENSITY ADAPTER CARRIER PACK	62/040,314	8/21/14		
2316.4194		US	ARC-FREE HOT PLUG CONNECTOR	62/117,104	2/17/15		
2316.4195		US	QUAREO SIGNAL DETECTION				
2316.4196		US	MOUNTING SYSTEM AND KIT FOR AERIAL MOUNTING OF A FIBER OPTIC ENCLOSURE	62/089,492	12/10/14		
2316.4197		US	FIBER DISTRIBUTION SYSTEM AND CORELESS WOUND COIL	62/094,656	12/19/14		
2316.4199		US	HERMETICALLY SEALED TELECOMMUNICATIONS ENCLOSURE WITH ADAPTER ASSEMBLY	62/103,824	1/15/15		
2316.4200		US	DOOR HINGE MECHANISM FOR TELECOMMUNICATIONS PANEL	62/049,189	9/11/14		
2316.4211		US	DISTRIBUTION CABLE WITH BIDIRECTIONAL BREAKOUT LOCATIONS	62/057,786	9/30/14		
2316.42		US	CODING SYSTEM FOR FACILITATING INSTALLING A FIBER OPTIC NETWORK				
2316.4217		US	CODING SYSTEM FOR FACILITATING INSTALLING A FIBER OPTIC NETWORK	62/094,424	12/19/14		
2316.4218		US	FACILITATING INSTALLATION OF FIBER OPTIC NETWORKS	62/060,289	10/6/14		
2316.4219		US	INDEXING TERMINALS FOR SUPPORTING A BIDIRECTIONAL INDEXING ARCHITECTURE	62/107,697	1/26/15		
2316.4219		US	INDEXING TERMINALS FOR SUPPORTING A BIDIRECTIONAL INDEXING ARCHITECTURE	14/752,142	6/26/15		
2316.4219		US	RAPID FTTH ARCHITECTURE USING INDEXING TERMINALS				
2316.4221		US	FIBER OPTIC CABLE WITH FLEXIBLE CONDUIT	62/069,158	10/27/14		
2316.4221		US	FIBER OPTIC CABLE WITH FLEXIBLE CONDUIT	62/072,842	10/30/14		
2316.4221		US	FIBER OPTIC CABLE WITH FLEXIBLE CONDUIT	62/082,479	11/20/14		
2316.4221		US	FIBER OPTIC CABLE WITH FLEXIBLE CONDUIT	62/091,108	12/12/14		
2316.4224		US	POWER/FIBER HYBRID CABLE	62/078,207	11/11/14		
2316.4231		US	HYBRID COPPER/FIBER CONNECTOR, SYSTEMS AND METHODS	62/066,192	10/20/14		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.4233		US	CONNECTION TRAYS WITH MANAGED CONNECTIVITY	62/075,537	11/5/14		
2316.4234		US	FIBER OPTIC CABLE SLACK MANAGEMENT MODULE	62/090,203	12/10/14		
2316.4244		US	HYBRID CONDUIT SYSTEM	62/128,246	3/4/15		
2316.4257		US	OPTICAL FIBER CONNECTOR HAVING AN ELASTIC FIBER ATTACHMENT				
2316.4270		US	INTEGRATING PON WITH CLOUD				
2316.4272		US	INDEXING TERMINAL ARRANGEMENT	62/120,121	2/24/15		
2316.4275		US	MODULAR ELECTRICAL PLUG AND PLUG-CABLE ASSEMBLY WITH REMOVABLE COLOR CODING				
2316.4276		US	MODULAR ELECTRICAL PLUG AND PLUG-CABLE ASSEMBLY WITH RELEASE TAB (COLOR CODING)				
2316.4277		US	FIBER OPTIC MODULE AND CHASSIS WITH CABLE SLACK MANAGEMENT	62/137,005	3/23/15		
2316.4279	4876	US	INDEXING TERMINALS FOR SUPPORTING A BIDIRECTIONAL INDEXING	62/110,131	1/30/15		
2316.4280		US	POWER/FIBER HYBRID CABLE FOR INDOOR USE	62/095,709	12/22/14		
2316.4283		US	TELECOMMUNICATIONS ENCLOSURE WITH CABLE SEAL	62/097,348	12/29/14		
2316.4285		US	MULTI-FIBER OPTICAL CONNECTOR ARRANGEMENTS	62/091,955	12/15/14		
2316.4286	4854	US	FERRULELESS CONNECTOR IMPROVEMENTS				
2316.4288	4850	US	METHOD AND APPARATUS FOR MEASURING ALIGNMENT PIN HOLE ANGLE OF FIBER OPTIC FERRULE	62/145,671	4/10/15		
2316.4289		US	FIBER OPTIC NETWORK ARCHITECTURE USING HIGH FIBER-COUNT FIBER OPTIC CONNECTORS	62/142,093	4/2/15		
2316.4291	4895	US	HYBRID CONNECTION SYSTEM USING FACTORY CONNECTORIZED PIGTAIL	62/107,879	1/26/15		
2316.4292	4893	US	INDOOR HYBRID CONNECTIVITY SYSTEM FOR PROVIDING BOTH ELECTRICAL POWER AND FIBER OPTIC SERVICE	62/107,886	1/26/15		
2316.4293	4894	US	HYBRID FIBER POWER CONNECTION SYSTEM	62/107,894	1/26/15		
2316.4297	4857	US	TELECOMMUNICATIONS CHASSIS AND MODULE	62/146,649	4/13/15		
2316.4299	4899	US	MANAGED FACT PANEL, INCORPORATE ELECTRONICS INTO FACT PANEL				
2316.4310	4897	US	Compressed Mode Field				

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.4311	4900	US	FIBER OPTIC CONNECTOR AND CABLE ASSEMBLY HAVING A LOCKING MECHANISM - ADDITIONAL THOUGHTS				
2316.4315	4901	US	FIBER OPTIC CONNECTOR FERRULE WITH IMPROVED ALIGNMENT MECHANISM	62/182,195	6/19/15		
2316.4318		US	FIBER OPTIC CONNECTOR LOCKING FEATURE				
2316.4321		US	DISTRIBUTED ANTENNA ARCHITECTURE	62/121,345	2/26/15		
2316.4325		US	FERRULE-LESS ALIGNMENT STRUCTURE WITH MORE THAN TWO POINTS OF CONTACT				
2316.4331		US	Q4000 AND Q3000 BLADE COST REDUCTION				
2316.4332		US	ROUND FAN-OUT WITH EPOXY FILL SLOT				
2316.4335		US	CABLE BLOWING SYSTEM	62/158,815	5/8/15		
2316.4349		US	MINI OTE	62/182,064	6/19/15		
2316.4350		US	CONTAMINATION PREVENTION STRUCTURES				
2316.4356		US	NEW FINISHING PROCESS FOR FIBER OPTIC CABLE ASSEMBLIES CONTAINING A FERRULE				
2316.4361		US	DLX FOOTPRINT PLUG-N-PARK				
2316.4366		US	ANTI-STATIC FERRULE FOR FIBER OPTICAL CONNECTOR				
2316.4369		US	CLEANING DEVICE FOR FIBER OPTIC CONNECTORS	62/174,193	6/11/15		
2316.4370		US	METHOD FOR TERMINATING HIGH FIBER COUNT CABLES (48 and higher)				
2316.4371		US	Symmetric Differential Pairs orientation for Minimizing Alien Crosstalk Between Adjacent Modular Communication Connectors				
2316.44		US	WALL PLATE INVESTIGATION				
2316.4383		US	POSITIONING MOUNT FOR VISUAL INSPECTION TOOL	62/171,368	6/5/15		
2316.4385		US	TOOL FOR INSTALLING A COMMUNICATION OR POWER LINE	62/165,681	5/22/15		
2316.4387		US	IMPROVEMENTS ON RIBBON MPO CONNECTOR				
2316.4388		US	HIGH FIBER COUNT CONNECTOR CLEANING BOX				
2316.4396		US	FIBER CABLE COPPER IMPREGNATED GRP ROD				
2316.4399		US	TELECOMMUNICATIONS ENCLOSURE	62/175,047	6/12/15		
2316.4399		US	TELECOMMUNICATIONS ENCLOSURE	62/196,119	7/23/15		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.4415		US	FIXED TWIST TUBING				
2316.4416		US	BOARD MOUNTABLE ACTIVE COMPONENT ASSEMBLY USING TOSA\ROSA MODULES				
2316.44		US	PATENT SERACH ON CONNECTORS FOR 1 GIGABIT ETHERNET AND POWER OVER ETHERNET OVER 1 TWISTED PAIR CABLE				
2316.4423		US	SEQUENCER INTERACTING MULTI-BIN SYSTEM				
2316.4427		US	SC SLEEVE RETAINER 7 PCB CONTACT PACK				
2316.4428		US	THERMOPLASTIC GEL - #1 REDUCED OIL BLEEDOUT				
2316.4429		US	THERMOPLASTIC GEL #2 - WILL NOT SWELL POLYOLEFIN BASED OR EVA CONTAINING LOW SMOKE, ZERO HALOGEN CABLES.				
2316.4431		US	CABLE SPOOL RE-ORIENTATION DEVICE FOR A WALL BOX	62/196,014	7/23/15		
2316.4434		US	BLADED CHASSIS SYSTEMS	62/198,456	7/29/15		
2316.45		US	FERRULE ASSEMBLY WITH SACRIFICIAL OPTICAL FIBER	62/207726	8/20/15		
2316.4562		US	TELECOMMUNICATIONS MODULE	62/208,371	8/21/15		
2807		US	IPTV delivery and FTTN/FTP passive cabinet				
2810		US	MT FERRULE				
2831		US	AVANEX DWDM MODULES				
3149		US	VOLTAGE DISCONNECT FOR PLUG-IN-MODULES OR PRINTED CIRCUIT BOARDS IN POWER DISTRIBUTION PANELS				
3394		US	Cable Reel Integral Dispensing System				
3440		US	METHOD OF TERMINATING CABLE ONTO A SPOOL				
3538		US	CABLE WRAPPED WITH LIQUID CRYSTAL POLYMER PAPER FOR USE IN TEMPERATURE EXTREMES				
3648		US	MTP SLEEVED FERRULE				
3685		US	ROTARY HIGH DENSITY MODULE FRAME				
3832		US	MT FERRULE FIBER HOLE ECCENTRICITY INSPECTION				
3852		US	Vacuum Vee Clamp				
3917		US	SIGNAL GENERATOR OUTPUT EQUALIZER	258,118	2/23/39	2,255,727	9/9/41
4012		US	1.2 mm KEVLAR LOOP				
4015		US	Quareo, MPO Adapter and Contact 2 piece concept.				

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
4016		US	Quareo, MPO Adapter and Contact Stacked concept				
4049		US	1.2 MM LC Connector				
4081		US	COATING THE END FACE OF THE CONNECTOR				
4082		US	AUTOMATION UTILIZING SPLICED CONNECTORS				
4334		US	SELF OPTIMIZING DAS NETWORK				
4495		US	NG4ACCESS 144F LC 1 RU PANEL - PANEL WITH FRONT AND REAR ACCESS				
4506		US	FIBER OPTIC STUB SYSTEM AND FERRULE FLEX OPTICAL CONNECTOR PROCESS (F.O.S.S-C/F.F.O.C.P-C)				
4511		US	FOSS-C LC SHROUD				
4628		US	RAMAN SPECTROSCOPY AS A NOVEL, NON-DESTRUCTIVE TECHNIQUE FOR THIN BOND LINE CHARACTERIZATION				
4637		US	UNIVERSAL CONNECTOR TERMINATION DESIGN AND METHODS				
4642		US	METHOD AND TOOLS FOR DEPLOYING FIBER IN MDU'S				
4711		US	FMT with Splice				
4718		US	2 X 6 MPO Module				
4781		US	SEALS CONTAINING SUPER ABSORBENT POLYMERS FOR SWELLING AND SEALING AGAINST WATER LEAKS				
4786		US	DLX Footprint Plug In-Park				
4802		US	Active RJ-45 Cable Assembly with RJ connector offset from active components				
4804		US	24 RIBBON FAN-OUT ASSEMBLY				
4816		US	NON-CONTACT CONNECTOR COUPLING FIXTURE				
4887		US	SINGLE PASS TETHER CABLE SYSTEM				
4888		US	FULLY CONNECTORIZED TETHER SYSTEM				
4896		US	SEGMENTED CABLE				
4903		US	MT FERRULE IMPROVENTS FOR FIBER PHYSICAL CONTACT				
4943		US	ENDFACE PROTECTION TAPE FOR FIBER OPTICAL CONNECTOR AND ITS APPLICATION METHOD				
4969		US	METHOD TO KEEP ENDFACE CLEAN USING STATIC CHARGE				
4981		US	CABLE CLAMP "BREAK ASSIST" MECHANISM				
4982		US	SC SLEEVE RETAINER 7 PCB CONTACT PACK				

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
4984		US	HIGHER TEMPERATURE THERMOPLASTIC GEL - EXTENDING THE MAXIMUM USE TEMPERATURE BY SIMPLE SUBSTITUTION OF THE RUBBER COMPONENTS				
4985		US	HIGHER TEMPERATURE THERMOPLASTIC GEL - AN ADDITIVE TO RAISE MAXIMUM USE TEMPERATURE				
4986		US	MODULAR JACK ICON				
4987		US	PRESSURE SENSITIVE ADHESIVE COATED FIBER SYSTEM				
4988		US	SOLVENT BASED ADHESIVE COATED FIBER SYSTEM				
4989		US	THERMOPLASTIC GEL - #1 REDUCED OIL BLEEDOUT				
4990		US	THERMOPLASTIC GEL #2 - WILL NOT SWELL POLYOLEFIN BASED OR EVA CONTAINING LOW SMOKE, ZERO HALOGEN CABLES.				
4991		US	SPLICE 1.2MM SIMPLEX CABLE TO A LARGER MULTIFIBER TRUNK CABLE				
4991		US	SPLICE OPTION PATENT SEARCH				
4992		US	WALL BUTTON OR GOLF TEE				
4993		US	DRY ERASE MARKABLE OPTICAL OR ELECTRICAL PATCHING PANELS FOR RECONFIGURED DESIGNATIONS				
4997		US	Alignment Device for FerruleFlex Splicing Operations				
32932.0001		US	SEMICONDUCTOR LASERS HAVING SINGLE CRYSTAL MIRROR LAYERS GROWN DIRECTLY ON FACET	09/168,600	10/8/98	6,590,920	7/8/03
32932.0002		US	APPARATUS AND METHOD FOR BATCH PROCESSING SEMICONDUCTOR SUBSTRATES IN MAKING SEMICONDUCTOR LASERS	09/667,068	9/21/00	6,451,120	9/17/02
32932.0002		US	APPARATUS AND METHOD FOR BATCH PROCESSING SEMICONDUCTOR SUBSTRATES IN MAKING SEMICONDUCTOR LASERS	10/208,366	7/30/02	6,673,699	1/6/04
357180.00130	E-CC-00510	US	Method and Apparatus for Predicting Physical Contact	61/047626	4/24/08		
357180.0213	E-CC-00553	US	Optical Attenuator	12/061239	4/2/08		
357180.0224	E-CC-00510	US	Method and Apparatus for Predicting Physical Contact	12/429562	4/24/09	8359169	1/22/13
357180.0241	E-CC-00294	US	Mating of Optical Fibers Having Angled End Faces	12/847654	7/30/10	8104974	1/31/12
357180.0304	E-CC-00294	US	Mating of Optical Fibers Having Angled End Faces	13/360924	1/30/12	8308374	11/13/12
357180.0319	E-CC-00294	US	Mating of Optical Fibers Having Angled End Faces	13/657958	10/23/12	8469603	6/25/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
357180.00358	17584	US	Connector System with Physical Security Features	14/182922	2/18/14	8807843	8/19/14
	NT-00375	US		61/591576	1/27/12		
	TO-00933	US	System for Field Switching of Telecommunications Services to Provide Upgrades or Other Service Modifications	62/194275	7/19/15		
	17674	US	ULTRASONIC WELDED TELSPLICE STICK	9/963720	9/26/01	7435128	10/14/08
	18031	US	CABLE TERMINATING APPARATUS AND METHOD	10/454709	6/4/03	7103968	9/12/06
	04-010	US	Distribution board connection module	11/718,697	10/31/05	7,736,160	6/15/10
	TY-00119	US	Connector and Connector Assembly	14/379909	8/20/14		
	NT-00411	US	Heterogeneous and/or Hosted Physical Layer Management System	13/939805	7/11/13		
	ITRACS001	US	System for Monitoring Connection Pattern of Data Ports	9/525543	3/14/00	6684179	1/27/04
	ITRACS001	US	System for Monitoring Connection Pattern of Data Ports	9/937983	2/4/02	6574586	6/3/03
	TO-00374	US	Dry Silicone Gels and Their Methods of Making	13/164294	6/20/11		
	DIT029	US	Fiber Optic Cable Bend Radius Control	09/261610	2/26/99	6044194	3/28/00
	DIT045	US	Optical Fiber Enclosure System	08/636965	4/24/96	5708751	1/13/98
	DIT026	US	Multiple Fiber Fusion Splice Protection Sleeve	08/796926	2/7/97	5832162	11/3/98
	DIT020	US	Adjustable Channel Connector For A Cable Raceway System	09/285536	4/2/99	6143984	11/7/00
	CC-00813	US					
	E-TO-00054	US					
	E-TO-00083	US					
	TO-00464	US					
	TY-00085	US					
	TO-00499	US	Wireless Drop in a Fiber-to-the-Home Network	14/394615	10/15/14		
	03-009	US	Wall outlet box	10/577,693	10/8/04	7,556,523	7/7/09
	10-003	US	Distribution cabinet for optical fibre cables	13/576,594	11/2/11		
	10-009	US	Fiber Optic Telecommunications Module	13/582,000	1/10/11		
	NT-00413	US	Secure Physical Layer Management	13/937304	7/9/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NT-00412	US	Distributed Antenna Systems with Managed Connectivity	13/939392	7/11/13		
	11-001	US	Fiber-optic connection arrangement and adapter sleeve	14/000018	2/10/12		
	TO-00402	US	Portable Device for Attaching a Connector to an Optical Fiber	14/000345	2/7/12		
	11-005	US	Distribution connection module	14/116678	12/2/11		
	11-007	US	Distribution strip and distribution block comprising at least two distribution strips	14/116685	3/28/12		
	17584	US	Connector System with Physical Security Features	14/182900	2/18/14	8961031	
	11-014	US	Surface-Mountable Enclosure	14/235368	7/26/12		
	17584	US	Connector System with Physical Security Feature	14/261022	4/24/14	8905647	12/9/14
	11-018	US	Telecommunications cabling system	14/368073	12/20/12		
	11-001	US	Fiber-optic connection arrangement and adapter sleeve	14/524352	2/10/12		
	07-016	US	Electrical Connector	14/659,083	3/16/15		
	TO-00386	US		61/777705	3/12/13		
	TO-00375	US	Closure and Interconnect Systems and Methods of Using Dry Silicone Gels in Closure and Interconnect Systems	13/164317	6/20/11	8642891	2/4/14
	02-004	US	Device for an optical-fiber connection	12/062704	4/25/03	7862243	1/4/11
	TO-00770	US	Fiber Optic Connector with Fiber End Protection		12/16/14		
	ITRACS001	US	System for Monitoring Connection Pattern of Data Ports	10/437653	5/13/03	6725177	4/20/04
	ITRACS001	US	System for Monitoring Connection Pattern of Data Ports	10/754169	1/9/04	6961675	11/1/05
	ITRACS001	US	System for Monitoring Connection Pattern of Data Ports	10/774886	2/9/04	7160143	1/9/07
	NC015	US	Apparatus Comprising Inductive And/Or Power Transfer And/Or Voltage Multiplication Components	08/428615	4/25/95	5604352	2/18/97
	NC015	US	Apparatus Comprising Inductive And/Or Power Transfer And/Or Voltage Multiplication Components	08/781973	12/21/96	5777538	7/7/98
	NC015	US	Apparatus Comprising Inductive And/Or Power Transfer And/Or Voltage Multiplication Components	08/781974	12/21/96	5748464	5/5/98
	NC015	US	Apparatus Comprising Inductive And/Or Power Transfer And/Or Voltage Multiplication Components	09/044264	3/19/98	5883392	3/16/99
	TO-00452	US	Aggregation Enclosure for Elevated, Outdoor Locations	13/632781	10/1/12		
	11-012	US	Apparatus for transmission testing of a telecommunications jack	13/524,448	6/15/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1348	US	Modular Telecommunications Terminal Block	08/173805	12/22/93	5797759	8/25/98
	MP1532	US	Coaxial Cable Tap And Method Of Connecting To An Operational Coaxial Cable Without Interrupting Transmitted Signals	08/658430	6/5/96	5945634	8/31/99
	NC022	US	Improved Idc Having Wire Slippage Control	08/698498	8/15/96	5759061	6/2/98
	MP1620	US	Coaxial Cable Connector	08/788127	1/23/97	5865654	2/2/99
	MP1621	US	Sealed Coaxial Cable Connector	08/824533	3/26/97	5857865	1/12/99
	NC031	US	Fiber Optic Organizer With Lockable Trays And Method Of Accessing A Tray	08/965259	11/6/97	6009224	12/28/99
	NC037	US	Hybrid Cable Splice Closure And Related Methods	09/078152	5/13/98	5997186	12/7/99
	NC042	US	Fiber Optic Drop Splice Closure And Related Methods	09/084182	5/26/98	6009225	12/28/99
	NC046	US	Fiber Optic Splice Organizer With Splicing Tray And Associated Method	09/273882	3/22/99	6507691	1/14/03
	NC047	US	Bulbous Configured Fiber Optic Splice Closure And Associated Methods	09/303888	5/3/99	6226435	5/1/01
	NC057	US	Fiber Optic Splice Closure And Method Of Routing Optical Fiber Ribbons	09/639135	8/15/00	6424782	7/23/02
	NC063	US	Coated Electrode With Enhanced Electron Emission And Ignition Characteristics	09/817164	3/27/01	6965199	11/15/05
	17651	US	METHOD OF DETERMINING LIKELIHOOD OF OPTICAL FIBER CONNECTOR MAKING POSITIVE CONTACT	10/112696	3/28/02	6899466	5/31/05
	17862	US	Receptacle and Plug Interconnect Module with Integral Sensor Contacts	10/173895	6/18/02	6802735	10/12/04
	17814	US	Connector Assembly with a Floating Shield Dividing Contacts Formed in Differential Pairs	10/184776	6/28/02	6758695	7/6/04
	17755	US	FIBER MANAGEMENT APPARATUS	10/428980	5/1/03	6788846	9/7/04
	18019	US	ELECTRICAL COUPLER WITH SPLITTING RECEPTACLE JACK INTERFACES	10/464393	6/17/03	6988914	1/24/06
	17633	US	Packaging for Optical Component	10/470328	1/29/02	7044661	5/16/06
	17904	US	OPTICAL FIBER CONNECTOR WITH FERRULE RADIAL ORIENTATION CONTROL	10/637751	8/8/03	6955479	10/18/05
	E-TO-00029	US	Modular Plug with Slider Latch	11/243854	10/5/05	7329137	2/12/08
	E-TO-00108	US	Coiled Cable Products and Methods of Forming the Same	11/433109	5/12/06	7330627	2/12/08

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	E-TO-00174	US	Sealing Assemblies for Elongate Members and Methods for Using the Same	12/198278	8/26/08	7799995	9/21/10
	E-TO-00169	US	Enhanced Telecommunicaion Signal Insertion Systems and Methods	12/237046	9/24/08	8160236	4/17/12
	E-CC-00440	US	Multi-Ferrules for Making Physical Contact and Method of Determining Same	12/248873	10/9/08	8313249	11/20/12
	CO-00041	US	Methods of Processing High Service Temperature Hydrocarbon Gels	12/954532	11/24/10	8404172	3/26/13
	NT-00350	US	Flush Floor Undercarpet Cabling Outlet Box	13/855982	4/3/13		
	17579	US	ENCLOSURE FOR SPLICED CABLE HAVING IMPROVED HINGE ASSEMBLY	9/630163	8/1/00	6544070	4/8/03
	17588	US	ELECTRICAL CONNECTOR HAVING STAMPED ELECTRICAL CONTACTS WITH DEFORMED SECTIONS FOR INCREASED STIFFNESS	9/696935	10/26/00	6558207	5/6/03
	17594	US	CONNECTOR WITH ARTICULATED LATCH	9/706171	11/3/00	6364685	4/2/02
	17626	US	CONNECTOR ASSEMBLY	9/745789	12/22/00	6358086	3/19/02
	17587	US	Security and Communications Module	9/747671	12/22/00	7266841	9/4/07
	17589	US	A CAP FOR AN ELECTRICAL CONNECTOR	9/760093	1/12/01	6592396	7/15/03
	17648	US	ELECTRICAL LOAD BALANCING POWER MODULE	9/875422	6/6/01	6663435	12/16/03
	93-034	US	Termination unit for telecommunication and data lines	08/351,829	12/8/94	5,628,650	5/13/97
	00-011	US	Multi wire insulation displacement contact and a method of making multi wire terminations	09/881541	6/14/01	6406323	6/18/02
	99-017	US	Connecting cable with an electrical plug connection	10/149,280	11/16/00	6,793,515 B1	9/21/04
	02-003	US	Coupling for optical-fiber connectors	10/513,243	4/25/03	7,470,068	12/30/08
	02-004	US	Device for an optical-fiber connection	10/513207	4/25/03	7377697	5/27/08
	02-006	US	Patch Cord Connector	10/521,878	7/16/03	7,232,331	6/19/07
	02-008	US	Method and device for coupling optical fibers	10/531146	10/31/03	7460757	12/2/08
	03-002	US	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	10/547498	2/27/04	7401402	7/22/08
	03-004	US	Glass-fiber coupler module	10/553,521	3/26/04	7,577,331	8/18/09
	03-008	US	Housing for glass-fiber plug connectors, and a method for laying glass-fiber cables	10/571,409	9/10/04	7,563,033 B2	7/21/09

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	03-010	US	Distribution device for communications and data technology	10/579,700	11/12/04	8,128,419	3/6/12
	04-001	US	Optical fiber plug-in connection	10/591,647	2/25/05	7,419,309	9/2/08
	00-015	US	Electrical Connector	11/223,864	7/26/01	7,025,621	4/11/06
	04-006	US	Hybrid-Adapter	11/251,009	10/11/05	7,380,992	6/3/08
	04-013	US	Glass fiber monitoring module	11/300,247	12/13/05	7,197,223	3/27/07
	05-001	US	Seal for a cover for an electrical connecting socket	11/344,544	1/30/06	7,208,687	4/24/07
	05-002	US	Connecting socket for a data network	11/370,573	3/8/06	7,387,533	6/17/08
	05-003	US	Pressure module	11/370,608	3/6/06	7,377,818	5/27/08
	00-015	US	Electrical Connector	11/386,267	7/26/01	7,270,563	9/18/07
	99-017	US	Connecting cable with an electrical plug connection	11/525,191	11/16/00	RE41,206	9/21/04
	01-005	US	Strain relief device for a Plug Connector for Communications and Data technology	11/540,431	9/29/06	7,267,572	9/11/07
	01-004	US	Universal adapter	11/624,704	1/19/07	7,703,987	4/27/10
	07-030	US	Fiber optical enclosure	11/734,416	4/12/07	7,496,269	2/24/09
	02-006	US	Patch Cord Connector	11/753,369	5/24/07	8,043,095	10/25/11
	06-012	US	Detachable Cable Manager	11/754,567	5/29/07	7,817,444	10/19/10
	04-006	US	Hybrid-Adapter	11/789,896	4/26/07		
	01-005	US	Strain relief device for a Plug Connector for Communications and Data technology	11/827,809	7/13/07	7,371,106	5/13/08
	00-015	US	Electrical Connector	11/890,538	7/26/01	7,549,891	6/23/09
	06-017	US	Strain relief device for a glass fiber cable	11/897,363	8/30/07	7,505,666 B2	3/17/09
	05-007	US	Apparatus and method for universal cable bushing	11/911,063 PCT/EP20	4/4/06	7,790,989	9/7/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	05-008	US	Active distribution device in the subscriber access area	11/914,680 PCT/EP20	5/11/06		
	05-009	US	Distribution device in the subscriber access area	11/914,692 PCT/EP20	5/11/06		
	06-015	US	Electrical Connector having a protective door element	11/971,038	1/8/08	7,744,388	6/29/10
	05-012	US	Modular housing wall for telecommunications devices	11/995,661	7/7/06	7,838,767	11/23/10
	07-009	US	Strain-relief device for cables and wire-guiding element	12/033597	2/19/08	7933484	4/26/11
	03-002	US	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	12/053154	2/27/04	7856709	12/28/10
	05-003	US	Pressure module	12/062,080	4/3/08	7,517,255 B2	4/14/09
	05-014	US	Connecting element having a housing for telecommunications and/or data cables	12/063,967	8/4/06	7,704,102	4/27/10
	05-013	US	Mounting apparatus for line and plug-in connecting elements	12/063,985	8/4/06	8,040,692	10/18/11
	05-016	US	Connector module with integrated functions	12/088,780 PCT/EP20	9/5/06	7,944,704	5/17/11
	05-017	US	Method and device for coupling optical fibers	12/092,715	11/2/06	8,019,191	9/13/11
	05-002	US	Connecting socket for a data network	12/104,094	4/16/08	7,568,949 B2	8/4/09
	04-001	US	Optical fiber plug-in connection	12/198,485	2/25/05	7,690,848	4/6/10
	02-003	US	Coupling for optical-fiber connectors	12/276,076	4/25/03	7,611,291 B2	11/3/09
	06-019	US	Power line communications coupler	12/295,807	4/4/07	8,310,081	11/13/12
	06-003	US	Dual Flow Fan	12/301,484	4/26/07	8,072,752	12/6/11
	08-001	US	Switching distribution board	12/369,533	2/11/09	8,153,914	4/10/12
	06-006	US	Plug-in connector for telecommunications and data technology	12/376,013	7/18/07	7,914,331	3/29/11
	04-011	US	Distribution board connection module	12/390,951	10/31/05	7,811,107	10/12/10
	02-005	US	Distribution box connection module for telecommunications and data technology	12/436174	7/18/03	7936572	5/3/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	06-011	US	Shielding Device	12/440,676	7/18/07	7,896,697 B2	3/1/11
	08-011	US	Labelling assembly	12/470,821	5/22/09	7,874,866	1/25/11
	08-015	US	Terminal box for fiberoptic cables and panel	12/479,932	6/8/09	8509586	8/13/13
	08-016	US	Strain relief means	12/479,937	6/8/09	8,208,780	6/26/12
	00-015	US	Electrical Connector	12/489,008	7/26/01	7,695,307	4/13/10
	03-004	US	Glass-fiber coupler module	12/490,902	3/26/04	8,285,105	10/9/12
	08-018	US	Adapter for sleeves with elastomer cable seals and method for introducing a fiber-optic cable into a sleeve	12/497,904	7/6/09	8,068,711	11/29/11
	06-018	US	Plug-in connector for printed circuit boards	12/519,648	11/15/07	7,972,146 B2	7/5/11
	07-003	US	Electrical contact arrangement for telecommunications and data technology	12/522,950	12/13/07	7,950,926	5/31/11
	07-002	US	Electrical plug-in connector	12/522,952	12/13/07	7,980,882	7/19/11
	07-001	US	Electrical plug-in connector	12/522,972	12/13/07	7,798,866 B2	9/21/10
	07-004	US	Terminal block	12/522953	12/13/07	7938673	5/10/11
	07-006	US	Plug-in connector	12/525937	12/13/07	8083551	12/27/11
	07-012	US	Bundle core repository for a distribution device for optical waveguides	12/528,681	2/15/08	8,280,215	10/2/12
	07-034	US	Support system for fixing telecommunication and data systems technology resources	12/528,718	2/15/08	8,121,455	2/21/12
	06-014	US	Electrical connector having a dust cover	12/531,141	9/14/09	8,087,945	1/3/12
	07-022	US	Electrical Connector	12/531,195	2/29/08	8,313,338	11/20/12
	07-021	US	Electrical Connector	12/531,206	2/29/08	8,007,311	8/30/11
	07-020	US	Electrical Connector	12/531,218	2/29/08	8,272,888	9/25/12
	07-019	US	Electrical Connector	12/531,225	2/29/08	8,075,347	12/13/11
	07-018	US	Electrical Connector	12/531,238	2/29/08	8,133,069	3/13/12

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	07-017	US	Electrical Connector	12/531,249	2/29/08	8,016,619	9/13/11
	07-016	US	Electrical Connector	12/531,252	2/29/08		
	07-015	US	Electrical Connector	12/531,258	2/29/08	8,002,571	8/23/11
	08-023	US	Connector block	12/560,220	9/15/09	7,985,094 B2	7/26/11
	06-013	US	An Electrical Connector	12/593,939	7/18/07	8,002,555	8/23/11
	08-028	US	Enclosure for housing splice trays	12/607,653	1/28/09	8,260,105	9/4/12
	08-033	US	Plug	12/641,367	12/18/09	8,235,757	8/7/12
	09-007	US	Consolidation point enclosure	12/716,299	3/3/10	8,292,660	10/23/12
	00-015	US	Electrical Connector	12/728,680	7/26/01	7,950,951	5/31/11
	09-013	US	Junction Box	12/875,573	9/3/10	8,481,868	7/9/13
	09-016	US	Apparatus for mechanically splicing optic fibres	12/886,892	9/21/10	8,358,899	1/22/13
	08-012	US	Assembly for dispensing telecommunications cable from a reel	12/935,237	3/3/09	8579224	11/12/13
	08-009	US	Printed circuit board for electrical connector	12/935241	4/29/09	8113888	2/14/12
	03-002	US	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	12/978091	2/27/04	8413323	4/9/13
	02-004	US	Device for an optical-fiber connection	12/983699	4/25/03	8123415	2/28/12
	10-006	US	Method and apparatus for mechanically cleaving a stripped end section of an optic fibre core	13/037,035	2/28/11	8,488,933	7/16/13
	10-007	US	Apparatus for mechanically splicing optic fibres	13/037,053	2/28/11	8,419,297	4/16/13
	08-022	US	Electrical connector having movable protective shield	13/061,462	7/31/09	8,323,043	12/4/12
	07-009	US	Strain-relief device for cables and wire-guiding element	13/089788	2/19/08	8391666	3/5/13
	09-001	US	Telecommunications Connector	13/145,312	1/8/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	09-009	US	Method and arrangement for identifying at least one object	13/265,247	12/16/09		
	10-016	US	Wire termination tool	13/289,817	11/4/11		
	10-020	US	Assembly for dispensing cable	13/327,094	12/15/11		
	07-006	US	Plug-in connector	13/338064	12/13/07	8435083	5/7/13
	02-004	US	Device for an optical-fiber connection	13/367778	4/25/03	8313248	11/20/12
	02-004	US	Device for an optical-fiber connection	13/655017	4/25/03		
	JACK002	US	OPTICAL FIBER INNER TUBE CONNECTOR	8/825234	3/27/97	5832158	11/3/98
	JACK023	US	An Optical Fiber Inner Tube Connector	9/510482	2/23/00	6558044	5/6/03
	VPC-021	US	MODULAR PLUG HAVING IMPROVED CROSSTALK CHARACTERISTICS	9/224497	12/31/98	6227899	5/8/01
	04-007	US	Housing	10/577,772	10/27/04	7,850,031	12/14/10
	TO-00381	US	Hybrid Thermoplastic Gel	61/777705	3/12/13		
	NC029	US	Non-Interrupt Bypass Switch For RF Circuits	08/781478	1/10/97		
	NC030	US	RF Chokes Comprising Parallel Coupled Inductors	08/821841	3/21/97		
	NC030	US	RF Chokes Comprising Parallel Coupled Inductors	09/073086	5/5/98		
	MP0172	US	Cohesive Sealant Articles	05/411462	10/31/73	3965215	6/22/76
	MP0192	US	Heat-Recoverable Article With Self-Contained Heater	05/509837	9/27/74		
	MP0192	US	Heat-Recoverable Article With Self-Contained Heater	05/601344	8/4/75	4085286	4/18/78
	MP0212	US	Self Heating Article With Deformable Electrodes	05/601549	8/4/75		
	MP0212	US	Self Heating Article With Deformable Electrodes	05/735958	10/27/76		
	MP0212	US	Self Heating Article With Deformable Electrodes	05/818711	7/25/77	4421582	12/20/83
	MP0219	US	Expandable Heater With Apertured Electrodes	05/638440	12/8/75		
	MP0219	US	Expandable Heater With Apertured Electrodes	05/775882	3/9/77	4177446	12/4/79
	MP0219	US	Expandable Heater With Apertured Electrodes	06/031468	4/19/79	4223209	9/16/80
	MP0219	US	Expandable Heater With Apertured Electrodes	06/121522	2/14/80	4318220	3/9/82
	MP0219	US	Expandable Heater With Apertured Electrodes	06/351762	2/24/82		
	MP0735	US	Wraparound Heat-Recoverable Sleeves	06/155816	6/2/80		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0735	US	Wraparound Heat-Recoverable Sleeves	06/595641	4/2/84		
	MP0736	US	Heat-Recoverable Closure Assembly	06/155817	6/2/80		
	MP0736	US	Heat-Recoverable Closure Assembly	06/376073	5/7/82	4426413	1/17/84
	MP0745	US	Ultrasonic Lead Attachment Via Metal Wool Balls	06/176300	8/8/80	4330704	5/18/82
	MP0755	US	Apparatus For Use In Making A Selectively Coat Tubular Art	06/247042	3/24/81	4354456	10/19/82
	MP0755	US	Apparatus For Use In Making A Selectively Coat Tubular Art	06/395226	7/6/82	4385645	5/31/83
	MP0761	US	Wraparound Protective Closure And Method Of Use	06/344275	1/28/82	4448824	5/15/84
	MP0790COM	US	Thermoweave	06/567129	12/30/83		
	MP0810	US	Flame Coloring Device	06/351676	2/23/82	4472135	9/18/84
	MP0859	US	Electrical Devices Comprising PTC Elements	06/552649	11/17/83		
	MP0859	US	Electrical Devices Comprising PTC Elements	06/735428	5/17/85	4700054	10/13/87
	MP0859	US	Electrical Devices Comprising PTC Elements	07/108257	10/13/87		
	MP0859	US	Electrical Devices Comprising PTC Elements	07/277521	11/28/88	4845343	7/4/89
	MP0867	US	Laminar Electrical Heaters	06/493445	5/11/83	4517449	5/14/85
	MP0867	US	Laminar Electrical Heaters	06/693707	1/23/85	4548662	10/22/85
	MP0872	US	Heat Shrinkable Article	06/532329	9/15/83	4532164	7/30/85
	MP1086	US	Devices Comprising PTC Conductive Polymers	06/784288	10/4/85	4743321	5/10/88
	MP1086	US	Devices Comprising PTC Conductive Polymers	07/178826	4/5/88		
	MP1086	US	Devices Comprising PTC Conductive Polymers	07/601022	10/23/90		
	MP1224	US	Laminar Sheet Heater	07/130264	12/8/87		
	MP1224	US	Laminar Sheet Heater	07/325079	3/17/89	4904850	2/27/90
	MP1418	US	Ring Laser Pumped Optical Amplifier	07/850715	3/13/92		
	MP1430	US	A Robust Optical Signal Transmission System	07/812173	12/20/91		
	MP1508	US	Solid State, Resettable Overcurrent Protection Device	08/333465	11/2/94		
	SG001	US	Heat Shrinkable Wrap Around Closure - Having Non-Shrinkable Adhesive Bondable Edges	05/560329	3/21/75	3959052	5/25/76
	SG002	US	Heat Shrinkable Wrap Around Closure	05/892673	4/3/78	4153747	5/8/79

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC007	US	Apparatus And Method For Uniformly Irradiating A Strand	08/023550	2/26/93	5311027	5/10/94
	SG005	US	Heat Expandable Foam Plugs	06/668740	11/6/84	4647716	3/3/87
	DIT023	US	Fiber Optic Runway System	08/768127	12/17/96		
	DIT025	US	Cable Retainer For A Cable Raceway System	09/220267	12/23/98		
	DIT027	US	Cable Raceway Fitting	09/095451	6/3/99		
	DIT029	US	Fiber Optic Cable Bend Radius Control	08/819407	3/17/97		
	DIT030	US	Optical Fiber Strain Relief System	08/885225	6/30/97	5892877	4/6/99
	DIT032	US	Adjustable Cable Retainer Assembly	09/505290	2/16/00		
	DIT037	US	Fiber Optic Cable Management System And Connector Cabinet	09/120788	2/19/99		
	DIT038	US	Cable Cabinet	29/100865	2/19/99	D425872	5/30/00
	DIT039	US	Cable Cabinet Assembly	29/100864	2/19/99	D425492	5/23/00
	DIT040	US	Cable Bend Radius Control Attachment	29/102396	3/24/99	D431447	10/3/00
	DIT041	US	Fiber Optic Cable Connector Plate	29/104645	5/10/99	D421965	3/28/00
	DIT042	US	Fiber Optic Cable Management Clip	29/104825	5/11/99	D428330	7/18/00
	DIT043	US	Fiber Optic Cable Management Clip	29/104824	5/11/99	D427897	7/11/00
	DIT046	US	Cable Retainer Clip	29/124370	6/5/00	D436027	
	61008	US	RF FSK TRANSMITTER	760686	7/30/85	4682344	7/21/87
	00-002	US	Compensation device for an electrical connector	09/583,652	5/30/00		
	00-009	US	Connection module with overvoltage device	11/893,262	5/30/01	7,410,369	8/12/08
	00-009	US	Connection module with overvoltage device	12/220,206	5/30/01	7,785,115	8/31/10
	00-017	US	Coupling device for glass fiber connectors	11/176,522	7/6/05	7,153,033	12/26/06
	01-007	US	Terminal block	11/370,215	3/6/06	7,147,492	12/12/06
	02-001	US	Access guard for distributor modules	10/506,337	2/21/03	7,131,845	11/7/06
	02-002	US	Plug for connection modules and method for its manufacture	10/508,093	2/20/03	7,419,384	9/2/08
	02-002	US	Plug for connection modules and method for its manufacture	12/200,614	2/20/03	7,744,378	6/29/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	02-005	US	Distribution box connection module for telecommunications and data technology	10/523,565	7/18/03	7548434	6/16/09
	02-008	US	Method and device for coupling optical fibers	12/270531	10/31/08		
	03-001	US	Distribution frame with access for testing	10/547,318	2/19/04	7746983	6/29/10
	03-003	US	Overvoltage protection magazine for a telecommunications device	10/553,314	3/26/04	7,583,488	9/1/09
	03-005	US	Conductor connection module for printed circuit boards	10/565,740	6/24/04	7,591,654	9/22/09
	03-006	US	Distribution board connection module	10/569,306	8/12/04	7,407,389	8/5/08
	03-006	US	Distribution board connection module	12/141,663	6/18/08	7,618,261 B2	11/17/09
	03-007	US	Access Module	10/938,342	9/9/04	7,037,118	5/2/06
	03-011	US	Connection module for telecommunication and data technique	10/583,653	12/4/04		
	04-002	US	Plug connector for printed circuit boards	11/547,453	3/19/05	7717732	5/18/10
	04-002	US	Plug connector for printed circuit boards	12/760,057	3/19/05	8043110	10/25/11
	04-003	US	Electrical connection module	11/661,642	8/24/05	7,699,649	4/20/10
	04-004	US	Connection module for telecommunications and data technology	11/661,657	8/30/05	7710733	5/4/10
	04-004	US	Connection module for telecommunications and data technology	12/755,187	8/30/05	7894196	2/22/11
	04-005	US	Distribution module for converting between symmetrical and asymmetrical data transmission paths	11/661,659	8/30/05	7,491,093	2/17/09
	04-005	US	Distribution module for converting between symmetrical and asymmetrical data transmission paths	12/359,699	8/30/05	7,645,168	1/12/10
	04-008	US	Multi wire insulation displacement contact and a method of making multi wire terminations	11/176,523	7/6/05		
	04-009	US	Tool for connecting cable cores	11/718,747	10/31/05	7,644,485	1/12/10
	04-011	US	Distribution board connection module	11/718,698	10/31/05	7,507,097	3/24/09
	04-012	US	Plug-in connector for printed circuit boards	11/718,120	10/31/05	7,722,404	5/25/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	04-014	US	Cable connector for printed circuit boards	11/722,647	11/3/05	7883374	2/8/11
	04-014	US	Cable connector for printed circuit boards	12/978,067	11/3/05	8192235	6/5/12
	04-015	US	Seal for covers for inscription fields	11/318,187	12/23/05		
	04-016	US	Cover, in particular for inscription fields	11/088,811	12/23/05		
	04-016	US	Cover, in particular for inscription fields	11/318,208	12/23/05	7,930,845	4/26/11
	05-004	US	Fiberglass termination	11/370,661	3/8/06	7,702,207	4/20/10
	05-005	US	Plug connection	11/910,605	3/1/06	7,628,637 B2	12/8/09
	05-010	US	Protective plug for distribution frame devices for telecommunications and data technology	11/993,403 PCT/EP20	6/13/06	8,005,205	8/23/11
	05-011	US	Insulation displacement connector and equipment for telecommunications and data technology	11/996,177	7/17/06	7,815,439	10/19/10
	05-015	US	Protective plug for a connection module	12/065,577 PCT/EP20	8/24/06	7,800,881	9/21/10
	06-002	US	Plug-in connector for telecommunications and data technology	12/282,627	2/5/07		
	06-004	US	Press-fit-connector	12/301,489	4/26/07	7785132	8/31/10
	06-004	US	Press-fit-connector	12/839,963	4/26/07	8226430	7/24/12
	06-005	US	Electrical Connector	12/300,201	4/16/07	8,246,361	8/21/12
	06-007	US	Symmetrical data cable for communications and data engineering Symmetrical data cable for communications and data engineering	12/375,647	7/18/07		
	06-008	US	Symmetrical data cable for communications and data technology	12/377,543	7/18/07		
	06-009	US	Connector Block	12/374,968	7/18/07	7901254	3/8/11
	06-009	US	Connector Block	12/978,081	7/18/07	8210883	7/3/12
	06-010	US	Connector Block	12/374,962	7/18/07	7,862,388	1/4/11
	06-016	US	Connecting element for communication and data technology	12/442,843	7/18/07		
	06-020	US	Two-part inner body	12/514,498	10/19/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	06-023	US	Cable clamp	60/816,005	6/23/06		
	07-005	US	Plug-in connector for printed circuit boards and connection module with plug-in connector for printed circuit	12/524,204	12/13/07	7934933	5/3/11
	07-005	US	Plug-in connector for printed circuit boards and connection module with plug-in connector for printed circuit	13/091,811	12/13/07	8118601	2/21/12
	07-007	US	Cable Management Device	12/522,976	12/13/07		
	07-008	US	Overvoltage protection magazine	12/526,923	12/13/07	7,901,255 B2	3/8/11
	07-010	US	Sleeve for optical waveguide cables	12/528,688	2/15/08		
	07-011	US	Console for a distribution device for optical waveguide cables	12/528,698	2/21/08		
	07-013	US	Carrier system for a distribution device for optical waveguides	12/528,705	2/15/08		
	07-014	US	Customer termination point in the subscriber premises of a telecommunication and/or data link and method for changing providers	12/044,256	3/7/08		
	07-023	US	Power Outlet	12/598,262	4/2/08	7,942,693	5/17/11
	07-024	US	Plug-type connector for printed circuit board	12/663,242	5/16/08	8,025,523	9/27/11
	07-025	US	Connecting strip and contact element for telecommunications and data technology	12/663,237	5/16/08	8,262,404	9/11/12
	07-026	US	Contact element for a plug-type connector for printed circuit boards	12/133,990	6/5/08	7,762,833	7/27/10
	07-027	US	Grounding comb, in particular for a plug-type connector for printed circuit boards	12/134,000	6/5/08	7,722,403 B2	5/25/10
	07-028	US	Wire connection module	12/134,012	6/5/08	8,016,617	9/13/11
	07-029	US	Plug-type connector for printed circuit boards	12/134,022	6/5/08	7,828,584	11/9/10
	07-031	US	Terminal head for telecommunication and data engineering	12/668,362	6/24/08		
	07-032	US	Line module for telecommunication and data engineering	12/668,371	6/24/08	8,199,513	6/12/12
	07-033	US	Terminal head for telecommunication and data engineering	12/668,381	6/24/08	8,002,556	8/23/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	07-033	US	Terminal head for telecommunication and data engineering	13/177148	6/24/08	8092228	1/10/12
	07-035	US	Cable guide and device for telecommunications and data technology	12/674,251	7/23/08	8,253,019	8/28/12
	07-036	US	Distribution cabinet with a plurality of inner bodies	12/047,847	3/13/08	8,076,574	12/13/11
	07-037	US	Plug type printed circuit board connector	12/739,622	10/13/08	8,277,262	10/2/12
	07-038	US	Distribution board connection module	12/739,633	10/13/08		
	07-039	US	TELECOMMUNICATIONS PATCH PANEL	12/130,183	5/30/08	7,901,236 B2	3/8/11
	07-041	US	Overvoltage protection plug and grounding rail	12/744,040	10/13/08	8,197,266	6/12/12
	07-042	US	Double-walled housing with improved heat-dissipating functional-area walls	12/746,493	11/26/08		
	07-043	US	Broadband over power line loom, PLL	12/200,332	8/28/08	7,858,887 B2	12/28/10
	07-043	US	Broadband over power line loom, PLL	60/967,346	9/4/07		
	08-002	US	Optical fiber connection module	12/918,633	1/12/09	8,467,652	6/18/13
	08-003	US	Mount system for accommodating components from telecommunications and data technology	12/918,937	1/12/09		
	08-004	US	Core-connecting terminal strip and method for producing a core-connecting terminal strip with gel filling	12/921,955	1/21/09		
	08-005	US	Connection module	12/330,893	12/9/08	7,695,308 B2	4/13/10
	08-006	US	Cable housing	12/921,970	2/24/09		
	08-007	US	Elektrischer Steckverbinder	12/370,301	2/12/09		
	08-008	US	Foundation body, method for production of a foundation body, and method for erection of a mast	12/429,572	4/24/09		
	08-010	US	Securing module for an optical fiber connection module	12/489,859	6/23/09		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	08-013	US	Cooling arrangement for an electrical or appliance cabinet with air-to-air heat-exchanger cassettes	13/123,471	9/4/09		
	08-014	US	System architecture and method for linking an MSAN to a main distribution frame and distribution frame connection module	13/000,949	6/15/09		
	08-017	US	Distribution board connection module for telecommunications and data technology	13/054,383	6/15/09	8,272,878	9/25/12
	08-019	US	Apparatus and method for sealing small tubes of a blown-fiber cable on insertion into a collar	12/536,058	5/8/09		
	08-020	US	Housing having a door hinge with break-in protection	13/059,854	7/23/09		
	08-021	US	Distributor connection module	13/061,470	7/23/09		
	08-024	US	Telecommunications outlet box	13/120,969	9/4/09		
	08-025	US	Termination module	13/123,791	10/12/09		
	08-026	US	Distribution cabinet for communications and data technology	13/127,949	10/27/09		
	08-027	US	Enclosure for housing splice trays	12/607,647	10/28/09	8,139,914	3/20/12
	08-029	US	Cradle for Coupling a Connector Module to a mount	13/128,999	10/2/09		
	08-030	US	Apparatus for accommodating components from telecommunications and data technology	13/131,572	10/27/09		
	08-031	US	Micro-distribution cable for optical communication technology, and method for production of a micro-distribution cable	13/139,143	11/9/09		
	08-032	US	Bottom plate with sealing blocks	12/921,040	3/3/09		
	09-002	US	Overvoltage protection magazine for a telecommunications and data technology device	13/147,066	12/18/09		
	09-003	US	Overvoltage protection magazine or plug and method for the production of an overvoltage protection magazine or plug	13/203,430	12/18/09		
	09-004	US	Core connector and method for splicing a twin core into at least one existing end-subscriber twin core	12/713,827	2/26/10	8,118,610	2/21/12
	09-005	US	Strain relief device	13/255,746	12/16/09		
	09-006	US	Labelling assembly	12/713,864	2/26/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	09-008	US	Patch panel for an optical distribution frame	13/256,639	12/16/09		
	09-010	US	Chassis for coupling a stack of two or more telecommunications modules to a front side of a racking system	12/785,005	5/21/10		
	09-011	US	Terminal strip	13/377,268	3/26/10		
	09-012	US	Housing for accommodating at least one gas stopper	12/813,739	6/11/10		
	09-014	US	Splice holder	12/886,880	9/21/10		
	09-018	US	Distribution strip	13/512,816	6/17/10		
	10-004	US	Method and isolating strip for the alternative connection of an output line, connected to a first input line, to a second input line	13/025,303	2/11/11		
	10-009	US	Fiber Optic Telecommunications Module	61/309,746	3/2/10		
	10-010	US	Method and apparatus for mechanically splicing two optic fibres	13/152,749	6/3/11		
	10-011	US	Distribution cabinet	13/151,804	6/2/11		
	10-012	US	Distribution cabinet	13/211,446	8/17/11		
	DESMP 001	US	Terminal Block	07/070836	7/7/87	D306716	3/20/90
	77-122	US	LSA-Plus Module	908,937	5/24/78	4,171,857	10/23/79
	78-123	US	Connection module	6,032	1/24/79	4,283,103	8/11/81
	78-124	US		18,896	3/9/79	4,281,885	8/4/81
	78-125	US		23,755	3/26/79	4,279,460	7/21/81
	80-012	US	A tool for electrically connecting insulated wires	263,699	5/14/81	4,434,542	3/6/84
	80-128	US	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	237,382	2/23/81	4,345,294	8/17/82
	80-130	US	Universal connector for a solderless, screwless and stripless system for testing, connecting and isolating conductor tracks	267,847	5/28/81	4,410,225	10/18/83
	81-135	US	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	409,370	8/19/82	4,533,196	8/6/85
	82-030	US	Modular plug connector	745,319	6/14/85	4,634,209	1/6/87

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	82-035	US	Terminal element for cable wires and drop wire cables	734,770	5/15/85	4,580,870	4/8/86
	83-040	US	A terminal strip	593,131	3/26/84	4,615,576	10/7/86
	83-140	US	A cable distribution head	577,265	2/6/84	4,607,135	8/19/86
	83-142	US	A heat protection device for over-voltage arrester magazines	618,997	6/11/84	4,642,723	2/10/87
	84-147	US	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	632,210	7/18/84	4,541,682	9/17/85
	84-148	US		763,010	8/6/85	4,800,557	1/24/89
	85-003	US		872,403	6/10/86	4,716,651	1/5/88
	86-019	US	Connector bank for cable wires, in particular for telephone cables	37,703	4/13/87	4,790,770	12/13/88
	86-066	US	Cutting/clamping terminal element for electrical conductors	118,431	11/6/87	4,806,119	2/21/89
	86-069	US	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	128,430	12/3/87	4,822,300	4/18/89
	87-003	US		170,881	3/21/88	4,897,040	1/30/90
	87-157	US	Distribution bank for commuication cables	174,724	3/29/88	4,851,967	7/25/89
	88-006	US		184,290	4/21/88	4,882,771	11/21/89
	88-092	US		257,388	10/13/88		
	88-094	US		PCT/DE89/00488	7/26/89	5,287,454	2/15/94
	88-095	US	Contact member of electrical conductors	389,854	8/4/89	4,973,262	11/27/90
	88-098	US	Plug connector for telecommunication and data systems	444,762	12/1/89	4,986,768	1/22/91
	89-005	US	Protection plug for connector banks of telecommunication and data systems	495,793	3/16/90	5,157,580	10/20/92
	89-006	US	Connector banks with voltage surge protection	512,808	4/23/90	5,086,368	2/4/92
	89-010	US	Wire connector for cable wires, in particular of telecommunication cables	605,952	10/30/90	5,192,223	2/4/92
	89-101	US	Plug connector	463,376	1/11/90		
	89-102	US	Shield connecting element for a connector bank	469,948	1/25/90	5,000,703	3/19/91
	90-002	US	Voltage limiter	645,467	1/24/91	5,172,295	12/15/92
	90-004	US			3/12/91		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-006	US	Connecting block for the telecommunication and data technology	668,195	3/12/91	5,114,356	5/19/92
	90-015	US	Protective circuit and protective device plug for telecommunication installations	07/738,185	7/30/91	5,299,088	3/29/94
	90-015	US	Protective circuit and protective device plug for telecommunication installations	08/126,786	9/24/93		
	90-021	US			10/28/91		
	91-010	US		07/918,675	7/22/92		
	91-013	US	Terminal bank for the telecommunication and data technology	07/934,862	8/21/92	5,297,975	3/29/94
	91-014	US	Cutting and clamping sleeve contact	07/940,201	9/1/92	5,299,953	4/5/94
	91-029	US		984,923	12/3/92	5,413,790	5/9/95
	92-003	US	Distribution Rack	08/017,241	2/12/93	5,299,098	3/29/94
	92-004	US	Case, in particular cable branching case	08/022,961	2/25/93	5,373,956	12/20/94
	92-006	US	Cutting and clamping Terminal Element	25,967	3/3/93	5,330,367	7/19/94
	92-014	US	Split flap display device	08/109,322	8/19/93	5,477,630	12/26/95
	92-015	US	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	08/111,646	8/25/93		
	92-019	US	Method for elctronically labelling articel	08/151,268	11/12/93		
	92-022	US	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	08/161,895	12/3/93	5,496,196	3/5/96
	92-025	US	Method and arrangement for optically representing information	08/153,631	11/17/93		
	92-026	US	Method and arrangement for establishing networks of electro-optical display-field modules	08/364,805	12/27/94		
	93-002	US	Device for mounting teminls strips in communications technology	08/179,360	1/10/94	5,531,414	7/2/96
	93-006	US		08/188,267	1/28/94		
	93-009	US	Distribution device, in particular for the main distribution device of telephone and data lines	08/193,941	2/9/94	5,422,946	6/6/95
	93-017	US	Method for monitoring the filing levels of material of value collection containers	08/243,817	5/22/94		
	93-020	US	Termination module	08/254,149	6/29/93	5,503,567	4/2/96
	93-032	US	Electrical Plug Connector	08/316,726	10/3/94	5,525,078	6/11/96
	93-036	US	Coupling device between a glass fibre and a dielectric waveguide	08/355,053	12/13/94		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	93-040	US	Process for reducing the tearability of a thermally shrinkable web	231,613	4/22/94	5,480,692	1/2/96
	94-002	US	Telephone Cross Connect & Carrier System	08/172,558	12/23/93	5,468,256	11/7/95
	94-003	US	Digital electronic Loop Crossconnect & Carrier System	08/172,557	12/23/93	5,430,717	7/4/95
	94-005	US	Separation spark gap for limiting the maximum voltage on a surge arrester	08/378,191	1/25/95	5,574,615	11/12/96
	94-031	US	Protection plug	08/516,309	8/17/95	5,574,614	11/12/96
	94-036	US	Cable protection element	08/500,195	7/10/95		
	94-037	US	19"Racking system	08/500,194	7/10/95	5,872,336	2/16/99
	94-039	US	Charge detection in a telephone network	08/615,220	7/12/95		
	95-012	US	Distribution device for telecommunications and data technique	08/719,784	9/25/96	5,800,215	9/1/98
	95-013	US	Termination device for the telecommunication and data technique	08/719,094	9/24/96	5,803,772	9/8/98
	95-019	US	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	08/719,314	9/24/96		
	96-001	US	Electronic access control and security system	08/813,239	3/7/97		
	96-001	US	Electronic access control and security system	09/370,410	8/9/99		
	96-006	US	Earthing module	08/843,955	4/18/97	5,928,008	7/27/99
	96-011	US	High density high performance connector	08/651,414	5/22/96	5,816,836	10/6/98
	96-021	US	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	08/975,335	11/20/97		
	96-021	US	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	09/552,084	4/19/00		
	97-012	US	Distribution block for telecommunication and data technology	09/037,266	3/9/98	6,069,951	5/30/00
	97-013	US	Stationary housing with wall elements made of plastic	09/038,884	3/11/98	6,005,188	12/21/99
	97-016	US	Overvoltage protection module	09/074,615	5/6/98	5,923,238	7/13/99
	97-017	US	Safety Plug (Terminator)	09/084,478	5/22/98	6,052,059	4/18/00
	97-018	US	Overvoltage protection plug with fail-safe device	09/081,805	5/20/98	5,936,821	8/10/99
	97-023	US	Method for designing a telecommunications and data network	09/486,186	8/6/98		
	98-002	US	Support body for an electrical contact arrangement	09/581634	6/14/00		
	98-003	US	System and method, in particular for setting up telecommunications links	09/020,768	2/9/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-022	US	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-024	US	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-025	US	Shielding device for connection strips in telecommunications and data engineering	09/856,788	10/14/99	7,311,532 B1	12/25/07
	98-025	US	Shielding device for connection strips in telecommunications and data engineering	11/703,528	2/7/07	7,559,776	7/14/09
	99-006	US	Device for mounting terminal strips for telecommunication, control power and data technology	PCT/EP00/01685	2/29/00		
	99-007	US	Connector element with closure device	PCT/EP00/02122	3/10/00		
	99-013	US	Interconnection device for telephone/data lines with tool less wire termination and easy disconnection for testing	09/358,675	7/22/99		
	99-016	US	STC-Module	PCT/EP00/10882	11/4/00		
	AE436	US	Shielded Electrical Connector	08/530803	9/20/95	5685740	11/11/97
	AE490	US	Liquid Resistant Contact System	9/203412	12/2/98		
	DESMP004	US	Coaxial Cable Connector	07/534203	6/6/90		
	DESNC005	US	Telecommunications Connector	29/006960	4/12/93	D354939	1/31/95
	DESNC007	US	Maintenance Test Unit	29/036360	3/17/95		
	DESNC010	US	Maintenance Test Unit	29/40770	6/26/95		
	DESNC011	US	Maintenance Test Unit	29/040772	6/26/95		
	DESNC012	US	Telecommunications Terminal	29/060009	9/19/96	D397695	9/1/98
	MP0122	US	Wraparound Closure Sleeve	05/061999	8/7/70	3770556	11/6/73
	MP0196	US	Method & Apparatus For Splicing Lines	05/513307	10/9/74	3976385	8/24/76
	MP0220	US	Pressurized Splice Case	05/638687	12/8/75		
	MP0220	US	Pressurized Splice Case	05/786835	4/12/77	4135587	1/23/79
	MP0241	US	Splice Case With Multiple Cable Adapter	05/735587	10/26/76	4095044	6/13/78
	MP0245COM	US	Method For Form Closure Using Ht Recover Sheet Material	05/750976	12/15/76		
	MP0245COM	US	Method For Form Closure Using Ht Recover Sheet Material	05/750977	12/15/76	4123047	10/31/78
	MP0245COM	US	Method For Form Closure Using Ht Recover Sheet Material	05/921408	7/3/78		
	MP0252	US	Method Of Encapsulation	05/798130	5/18/77		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0252	US	Method Of Encapsulation	05/903961	5/8/78	4419156	12/6/83
	MP0268	US	Heat Recoverable Articles And Their Uses	05/897805	4/19/78	4163117	7/31/79
	MP0268	US	Heat Recoverable Articles And Their Uses	06/031388	4/19/79	4251304	2/17/81
	MP0269	US	Heat Recoverable Closure With Substrate Protective Means	05/908976	5/24/78	4194082	4/18/80
	MP0270	US	Methods For Sealing Closure Members To Substrates	05/934715	8/21/78	4209352	6/24/80
	MP0279COM	US	Fiber Optic Waveguide Termination & Method Of Forming Same	05/964506	11/29/78	4290668	9/22/81
	MP0279COM	US	Fiber Optic Waveguide Termination & Method Of Forming Same	06/090111	11/1/79	4312571	1/26/82
	MP0283	US	Heat Recoverable Closure Assembly & Method	05/967023	12/6/78		
	MP0283COM	US	Rail-Less Wraparound And Fastener	05/967023	12/6/78		
	MP0283COM	US	Rail-Less Wraparound And Fastener	05/967030	12/6/78	4234020	11/18/80
	MP0283COM	US	Rail-Less Wraparound And Fastener	06/176840	8/11/80		
	MP0284	US	Self Contained Exothermic Ht Recoverable Chemical Heater	05/967029	12/6/78	4265216	5/5/81
	MP0297	US	Easily Removable Heat Recoverable Closure	06/059193	7/20/79	4300328	11/17/81
	MP0718COM	US	Corrugated Ht Rec. Tape & Flexible Collar Tee	06/158765	6/12/80		
	MP0718COM	US	Corrugated Ht Rec. Tape & Flexible Collar Tee	06/270761	6/5/81		
	MP0718COM	US	Corrugated Ht Rec. Tape & Flexible Collar Tee	06/272445	6/5/81	4428790	1/31/84
	MP0718COM	US	Corrugated Ht Rec. Tape & Flexible Collar Tee	06/569627	1/10/84	4596732	6/24/86
	MP0718COM	US	Corrugated Ht Rec. Tape & Flexible Collar Tee	06/598399	4/10/84		
	MP0757	US	Air Vent Assembly	06/231000	2/4/81		
	MP0757	US	Air Vent Assembly	06/341359	1/21/82		
	MP0757	US	Air Vent Assembly	06/625577	6/28/84	4759811	7/26/88
	MP0765	US	Cable Preconnectorization Method And Apparatus	06/258078	4/27/81	4428115	1/31/84
	MP0765	US	Cable Preconnectorization Method And Apparatus	06/526175	8/24/83	4462655	7/31/84
	MP0766	US	Fiber Optic Splicing	06/258079	4/27/81		
	MP0766	US	Fiber Optic Splicing	06/370321	4/21/82		
	MP0766	US	Fiber Optic Splicing	06/437053	10/27/82		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0766	US	Fiber Optic Splicing	06/602242	4/19/84	4728169	3/1/88
	MP0766	US	Fiber Optic Splicing	06/614884	5/25/84	4747652	5/31/88
	MP0766	US	Fiber Optic Splicing	06/819975	1/13/86	4664732	5/12/87
	MP0766	US	Fiber Optic Splicing	07/022912	3/6/87	4790617	12/13/88
	MP0766	US	Fiber Optic Splicing	07/164922	3/7/88	4834482	5/30/89
	MP0766	US	Fiber Optic Splicing	07/272588	11/16/88		
	MP0766	US	Fiber Optic Splicing	07/357580	5/26/89		
	MP0766	US	Fiber Optic Splicing	07/489786	3/5/90		
	MP0766	US	Fiber Optic Splicing	07/499158	3/26/90		
	MP0766	US	Fiber Optic Splicing	07/872270	4/22/92		
	MP0768	US	Protection Of Cable Splice	06/271057	6/8/81		
	MP0768	US	Protection Of Cable Splice	06/493083	5/9/83		
	MP0768	US	Protection Of Cable Splice	06/578593	2/10/84	4466843	8/21/84
	HUB001	US	Cross-Connect Cabinet	9/478583	1/6/00	6316728	11/13/01
	JACK001	US	BLANK DUCT PLUG	7/409358	9/19/89	4968197	11/6/90
	JACK003	US	EXPANSION SEAL FOR CABLE PIPE	7/862133	4/2/92	5290073	3/1/94
	JACK004	US	DIRT AND MOISTURE SEALING PIPE PLUG FOR SEALING DIFFERENT SIZE PIPE	7/592386	10/3/90	5044403	9/3/91
	JACK005	US	STRUCTURE OF PIPE PLUG	7/458026	12/28/89	5035265	7/30/91
	JACK006	US	FIBER OPTIC CABLE INNER DUCT PLUG AND ASSEMBLY	7/255375	10/11/88	4842364	6/27/89
	JACK007	US	OPTIC FIBER INNER TUBE CONNECTOR	9/109007	7/1/98	6053639	4/25/00
	JACK008	US	HOLDER FOR USE IN CABLE CONDUITS	7/088913	8/21/87	4806705	2/21/89
	JACK009	US	Seal for an Electric Cable having an Insulating Sheath Wrapped by Exposed Electrical Conductors and Method for Sealing the Electric Cable to a Surrounding Enclosure	7/854212	3/20/92	5266743	11/30/93
	MP0768	US	Protection Of Cable Splice	06/641882	8/17/84		
	MP0768	US	Protection Of Cable Splice	06/735425	5/16/85		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0768	US	Protection Of Cable Splice	07/057694	5/26/87		
	MP0768	US	Protection Of Cable Splice	07/361723	5/26/89		
	MP0768	US	Protection Of Cable Splice	08/306746	9/15/94		
	MP0780	US	Heat Recoverable Closure Device Having Crack Propagation Prevention Means	06/285246	7/20/81	4401842	8/30/83
	MP0781	US	Flat Sheet Closure And Method				
	MP0781COM	US	Flat Sheet Closure & Method	06/300522	9/9/81	4384906	5/24/83
	MP0781COM	US	Flat Sheet Closure & Method	06/415670	9/7/82		
	MP0798	US	Fiber Optic Organizer - Heliwrap				
	MP0798	US	Fiber Optic Organizer - Heliwrap				
	MP0798COM	US	Fiber Optic Organizer	06/339275	1/15/82		
	MP0798COM	US	Fiber Optic Organizer	06/381825	5/25/82	4498732	2/12/85
	MP0798COM	US	Fiber Optic Organizer	06/407670	8/12/82	4478486	10/23/84
	MP0799COM	US	Paddlecard Terminator	06/158034	6/9/80	4354629	10/19/82
	MP0799COM	US	Paddlecard Terminator	06/328761	12/8/81	4496094	1/29/85
	MP0799COM	US	Paddlecard Terminator	06/328762	12/8/81	4484704	11/27/84
	MP0816	US	Fiber Optic Splice Organizer - Maxiwrap				
	MP0820	US	Method Of Transmitting UV Light By Optical Fiber	06/376863	5/10/82		
	MP0820	US	Method Of Transmitting UV Light By Optical Fiber	06/618314	6/7/84	4504114	3/12/85
	MP0838	US	Apparatus And Method For Protection Of Electrical Contacts				
	MP0838	US	Apparatus And Method For Protection Of Electrical Contacts				
	MP0838	US	Apparatus And Method For Protection Of Electrical Contacts				
	MP0838	US	Apparatus And Method For Protection Of Electrical Contacts				
	MP0838	US	Apparatus And Method For Protection Of Electrical Contacts				
	MP0838	US	Apparatus And Method For Protection Of Electrical Contacts				
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates		9/19/94		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	06/507433	6/23/83		
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	06/507435	6/23/83		
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	06/715789	3/25/85		
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	06/725507	4/22/85		
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	06/756559	7/17/85		
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	06/892519	7/31/86		
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	06/894755	8/13/86		
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	07/038415	4/9/87		
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	07/054138	5/12/87		
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	07/165452	3/1/88		
	MP0839	US	Optical Fiber Tap				
	MP0839	US	Optical Fiber Tap				
	MP0839	US	Optical Fiber Tap				
	MP0839COM	US	Optical Fiber Tap	06/437054	10/27/82	4557550	12/10/85
	MP0839COM	US	Optical Fiber Tap	06/496797	5/23/83	4586783	5/6/86
	MP0839COM	US	Optical Fiber Tap	06/769817	8/26/85		
	MP0839COM	US	Optical Fiber Tap	07/019895	2/27/87	4822125	4/18/89
	MP0839COM	US	Optical Fiber Tap	07/277104	2/2/89		
	MP0839COM	US	Optical Fiber Tap	07/489785	3/5/90		
	MP0849	US	Optical Fiber Adhesive Joint Tube - Release Agent	06/465362	2/10/83		
	MP0850	US	Optical Fiber Adhesive Joint Tube - Hourglass Shape	06/464805	2/8/83		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0850	US	Optical Fiber Adhesive Joint Tube - Hourglass Shape	06/787951	10/16/85	4746189	5/24/88
	MP0855	US	A Mechanical Coupling Assembly And Method Of Using Same	06/480052	3/29/83		
	MP0855	US	A Mechanical Coupling Assembly And Method Of Using Same	06/594628	3/29/84	4583811	4/22/86
	MP0862	US	Signal Coupler For Buffered Optical Fibers				
	MP0871	US	An Article And Method To Protect A Substrate				
	MP0871	US	An Article And Method To Protect A Substrate				
	MP0871	US	An Article And Method To Protect A Substrate				
	MP0871	US	An Article And Method To Protect A Substrate				
	MP0871	US	An Article And Method To Protect A Substrate				
	MP0871	US	An Article And Method To Protect A Substrate				
	MP0871	US	An Article And Method To Protect A Substrate				
	MP0871A	US	Protective Article				
	MP0871A	US	Protective Article				
	MP0874	US	Tube Storage And Delivery Device	06/539848	10/7/83	4573607	3/4/86
	MP0885	US	Partially Recoverable Closure	06/541944	10/14/83	4499129	2/12/85
	MP0889	US	Method And Apparatus For Determining Attenuation Across Optical Fiber Splice	06/545413	10/25/83	4629316	12/16/86
	MP0889	US	Method And Apparatus For Determining Attenuation Across Optical Fiber Splice	06/630921	7/16/84	4634274	1/6/87
	MP0896	US	Secure Connector For Coaxial Cable	06/560081	12/9/83		
	MP0896	US	Secure Connector For Coaxial Cable	06/753353	7/9/85	4648684	3/10/87
	MP0898	US	Aluminum-Shielded Coaxial Cable Repair	06/560286	12/12/83	4512833	4/23/85
	MP0899	US	Light Launch Detection & Splicing Devices For Loose Tube Buffered Optical Fiber	06/574777	1/27/84		
	MP0899	US	Light Launch Detection & Splicing Devices For Loose Tube Buffered Optical Fiber	06/824931	1/31/86		
	MP0900	US	Wraparound Article	06/560344	12/12/83	4581265	4/8/86
	MP0900	US	Wraparound Article	06/767935	8/21/85	4610921	9/9/86

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0900	US	Wraparound Article	06/832279	4/7/86		
	MP0900	US	Wraparound Article	07/058609	6/4/87		
	MP0900	US	Wraparound Article	07/406883	9/13/89	4944973	7/31/90
	MP0901	US	Dimensionally Heat-Recoverable Article				
	MP0904	US	Optical Fiber Chuck	06/575615	1/31/84		
	MP0975	US	Holder For Coupling Assembly	06/650930	9/14/84	4639068	1/27/87
	MP0975	US	Holder For Coupling Assembly	06/921170	10/20/86		
	MP0975	US	Holder For Coupling Assembly	07/822977	1/9/87		
	MP0977	US	Protection Of Cable Splice	06/652354	9/18/84		
	MP0977	US	Protection Of Cable Splice	06/801505	11/25/85	4670069	6/2/87
	MP0978	US	Protection Of Cable Splice	06/652359	9/18/84		
	MP0978	US	Protection Of Cable Splice	06/751762	7/1/85	4686327	8/11/87
	MP0978	US	Protection Of Cable Splice	06/769781	8/15/85	4648919	3/10/87
	MP0980	US	Protection Of Cable Splice	06/652358	9/18/84		
	MP0981	US	Protection Of Cable Splice	06/652355	9/18/84		
	MP0992	US	Method And Apparatus For Sealing A Coaxial Cable Coupling Assembly	06/663807	10/22/84		
	MP0992	US	Method And Apparatus For Sealing A Coaxial Cable Coupling Assembly	06/778168	9/18/85	4674818	6/23/87
	MP0995	US	Optical Fiber Termination				
	MP0995COM	US	Optical Fiber Termination	06/671144	11/13/84	4725117	2/16/88
	MP0995COM	US	Optical Fiber Termination	06/671145	11/13/84	4787701	11/29/88
	MP0997	US	Center Conductor Closure	06/677155	12/3/84	4696532	9/29/87
	MP1018	US	Splice Case	06/794948	11/1/85		
	MP1018	US	Splice Case	07/016296	2/19/87		
	MP1018	US	Splice Case	07/239078	8/31/88	4909756	3/20/90
	MP1019	US	Liner For Making Pressurized Splice Closure	06/698664	2/6/85		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1019	US	Liner For Making Pressurized Splice Closure	06/819473	1/15/86		
	MP1019	US	Liner For Making Pressurized Splice Closure	06/888098	7/18/86		
	MP1027	US	Closure Including Gel-Filled End Seals	06/698643	2/6/85		
	MP1028	US	Drop Wire Closure Having First And Second Cams				
	MP1028COM	US	Drop Wire Closure Having First And Second Cams	06/698644	2/6/85	4648680	3/10/87
	MP1028COM	US	Drop Wire Closure Having First And Second Cams	06/698651	2/6/85		
	MP1028COM	US	Drop Wire Closure Having First And Second Cams	06/698652	2/6/85		
	MP1029	US	Drop Wire Closure Having Insulation-Piercing Means				
	MP1030	US	Drop Wire Closure Including Fixed-Sized Passageways				
	MP1031	US	Drop Wire Closure Including Cable Organizer				
	MP1045	US	Drop Wire Branch Article	06/710203	3/11/85	4625073	11/25/86
	MP1050	US	Packaged Gel Article	06/730408	5/2/85		
	MP1050	US	Packaged Gel Article	06/859171	5/2/86		
	MP1064	US	Optical Fiber Distribution Network	06/754035	7/11/85	4768854	9/6/88
	MP1064	US	Optical Fiber Distribution Network	07/239085	8/31/88	4856864	8/15/89
	MP1070	US	Cable Blocking & Block Splice Protection	06/740134	5/30/85	4695676	9/22/87
	MP1077	US	Determining Splice Attenuation	06/755408	7/15/85	4659217	4/21/87
	MP1078	US	Corrosion Protection Apparatus	06/767555	8/20/85		
	MP1078	US	Corrosion Protection Apparatus	07/183366	4/12/88		
	MP1078	US	Corrosion Protection Apparatus	07/253302	9/30/88		
	MP1078	US	Corrosion Protection Apparatus	07/320357	3/8/89		
	MP1078	US	Corrosion Protection Apparatus	07/398697	8/25/89		
	MP1078	US	Corrosion Protection Apparatus	07/523158	5/14/90		
	MP1078	US	Corrosion Protection Apparatus	07/677021	3/28/91	5085597	2/4/92
	MP1078	US	Corrosion Protection Apparatus	07/826346	1/27/92		
	MP1078	US	Corrosion Protection Apparatus	07/926568	8/6/92	5201672	4/13/93

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1085	US	Compression Pressure Indicator	06/781386	9/27/85	4655159	4/7/87
	MP1091	US	Optical Fiber Coupler	06/794342	10/31/85	4705347	11/10/87
	MP1093	US	Optical Fiber Connector	06/799900	11/20/85	4735480	4/5/88
	MP1097	US	Apparatus For Relieving A Load Across A Cable Repair Region	06/797285	11/12/85	4704500	11/3/87
	MP1111	US	Insulation Displacement Connector For High Axial Strength	06/861673	5/9/86	4685756	8/11/87
	MP1112	US	Universal End Plate-Gel Seal	06/826716	2/6/86	4692565	9/8/87
	MP1125	US	Optical Fiber Termination Using An Elastic Convex Dam	06/860262	5/6/86		
	MP1125	US	Optical Fiber Termination Using An Elastic Convex Dam	07/183511	4/14/88		
	MP1125	US	Optical Fiber Termination Using An Elastic Convex Dam	07/471682	11/27/89	5049225	9/17/91
	MP1129	US	Splice Closure System	06/873012	6/10/86		
	MP1129	US	Splice Closure System	07/071553	7/9/87	4769513	9/6/88
	MP1136	US	Alignment Of Optical Waveguides	06/904750	9/8/86	4770529	9/13/88
	MP1139	US	Enclosure For Telecommunication Line				
	MP1140	US	High Strain Distributed Communication Cable				
	MP1140COM	US	Strained Distributed Optical Fiber Communication System	06/899363	8/22/86		
	MP1140COM	US	Strained Distributed Optical Fiber Communication System	06/899368	8/22/86		
	MP1140COM	US	Strained Distributed Optical Fiber Communication System	07/087957	8/17/87		
	MP1140COM	US	Strained Distributed Optical Fiber Communication System	07/317148	2/28/89		
	MP1140COM	US	Strained Distributed Optical Fiber Communication System	07/391396	8/8/89		
	MP1140COM	US	Strained Distributed Optical Fiber Communication System	07/513526	4/19/90	5109445	4/28/92
	MP1140COM	US	Strained Distributed Optical Fiber Communication System	07/825234	1/24/92	5199089	3/30/93
	MP1147	US	Bubble Indicator For Measuring Uds Pressure In A Splice	06/912441	9/26/86	4764232	8/16/88
	MP1155	US	Coaxial Connector Moisture Seal	06/922607	10/24/86	4717355	1/5/88
	MP1177	US	Optical Fiber Tap Utilizing Reflector	07/014890	2/13/87	4741585	5/3/88
	MP1177	US	Optical Fiber Tap Utilizing Reflector	07/144898	1/15/88	4824199	4/25/89
	MP1184	US	Alignment And Location Sleeve For Fiber Optic Contacts	07/029840	3/24/87		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1184	US	Alignment And Location Sleeve For Fiber Optic Contacts	07/099941	9/23/87		
	MP1184	US	Alignment And Location Sleeve For Fiber Optic Contacts	07/132493	12/14/87	4884864	12/5/89
	MP1206	US	Terminal Block				
	MP1206COM	US	Terminal Block	07/070475	7/7/87		
	MP1206COM	US	Terminal Block	07/102072	9/29/87		
	MP1206COM	US	Terminal Block	07/130347	12/8/87		
	MP1206COM	US	Terminal Block	07/270411	11/7/88		
	MP1206COM	US	Terminal Block	07/462173	1/8/90		
	MP1206COM	US	Terminal Block	07/601023	10/23/90	5069636	12/3/91
	MP1206COM	US	Terminal Block	07/801309	12/2/91		
	MP1210	US	Annealing Bent Optical Fiber	07/078356	7/28/87	4812001	3/14/89
	MP1221	US	Terminal Block Adapter				
	MP1221	US	Terminal Block Adapter				
	MP1223	US	Rotary Closure And Grommet	07/130348	12/8/87	4908482	3/13/90
	MP1238	US	Telephone Junction Box And Switch Therefor	07/153188	2/8/88		
	MP1238	US	Telephone Junction Box And Switch Therefor	07/189087	5/2/88	5013877	5/7/91
	MP1239	US	Telecommunication Terminal Block Or Adapter				
	MP1239COM	US	Telecommunication Terminal Block Or Adapter	07/164261	3/4/88		
	MP1239COM	US	Telecommunication Terminal Block Or Adapter	07/164301	3/4/88		
	MP1239COM	US	Telecommunication Terminal Block Or Adapter	07/231755	8/12/88		
	MP1239COM	US	Telecommunication Terminal Block Or Adapter	07/537205	6/12/90	5173060	12/22/92
	MP1240	US	Telecommunications Terminal Block	07/157442	2/17/88	4846721	7/11/89
	MP1244	US	Telecommunications Terminal Block And Caps Therefor				
	MP1254	US	Optical Fiber Jaw Connector	07/178115	4/6/88	4848870	7/18/89
	MP1260	US	Optical Fiber Termination Coating Dispenser	07/196924	5/20/88	5113787	5/19/92
	MP1260	US	Optical Fiber Termination Coating Dispenser	07/601813	5/19/89	5062254	11/5/91

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1270	US	Telecommunications Terminal Block And Adapter				
	MP1273	US	Method Of Cable Sealing	07/241642	9/8/88	4950343	8/21/90
	MP1275	US	Rotary Connection Strain Relief On Terminal Block	07/246399	9/19/88	4971573	11/20/90
	MP1276	US	Environmental Control Liner For Splice Enclosure	07/254335	10/6/88	4962286	10/9/90
	MP1286	US	Coaxial Cable Connector	07/351738	5/15/89		
	MP1289	US	Wire Connect And Disconnect Indicator	07/273454	11/18/88	4911655	3/27/90
	MP1317	US	Telecommunications Terminal Housing & Method Of Encl A Telecomm Terminal Within A Minimum Clearance Opening Container	07/395862	8/18/89	4992627	2/12/91
	MP1326	US	Circuit For The Transmission Of Optical Signals	07/454099	12/20/89	5011249	4/30/91
	MP1340	US	Optical Bypass Switch	07/551117	7/11/90		
	MP1345	US	Electrical Connection Device And Telecommunications Terminal Bloc And Method Of Manufacturing The Device And Block				
	MP1345COM	US	Binding Post For Wide Tolerance Caps	07/586361	9/21/90	5167526	12/1/92
	MP1345COM	US	Binding Post For Wide Tolerance Caps	07/983203	11/30/92		
	MP1347	US	Couplers For Terminating Optical Fiber Ends	07/518050	5/4/90	5253935	10/19/93
	MP1347	US	Couplers For Terminating Optical Fiber Ends	08/060123	5/11/93		
	MP1348	US	Modular Telecommunications Terminal Block	07/499117	3/26/90	5153988	10/13/92
	MP1348	US	Modular Telecommunications Terminal Block	07/922460	7/30/92	5273449	12/28/93
	MP1348	US	Modular Telecommunications Terminal Block	08/475256	6/7/95		
	MP1351	US	Cable Television Connection System	07/436825	11/15/89		
	MP1355	US	Splice Case	07/509041	4/13/90	5111001	5/5/92
	MP1381	US	Coupling Circuit For Two-Wire Transmission Systems	07/579006	9/4/90		
	MP1391	US	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	07/594765	10/9/90		
	MP1391	US	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	08/146776	11/2/93	5456959	10/10/95
	MP1392	US	Optical Fiber Splice Tray And Organizer	07/609984	11/6/90		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1398	US	Optical Fiber Enclosure Including Novel Retaining Ring	07/680213	4/4/91	5097530	3/17/92
	MP1403	US	Ez Twist Consumer Type Connectors	07/673717	3/22/91		
	MP1403	US	Ez Twist Consumer Type Connectors	07/994061	12/17/92	5342218	8/30/94
	MP1403	US	Ez Twist Consumer Type Connectors	08/170076	12/17/93		
	MP1403	US	Ez Twist Consumer Type Connectors	08/426444	4/21/95		
	MP1404	US	Hermaphroditic Gel Closure	07/669837	3/15/91	5173573	12/22/92
	MP1405	US	Multi-Gauge Waffle Rotary Connection	07/701436	5/15/91		
	MP1405	US	Multi-Gauge Waffle Rotary Connection	07/767553	9/27/91	5112245	5/12/92
	MP1410	US	Ruggedized Bypass Switch	07/692102	4/26/91		
	MP1412	US	Hinged Gel-Filled Security And Environmental Protection Device	07/712320	6/7/91		
	MP1412	US	Hinged Gel-Filled Security And Environmental Protection Device	07/988050	12/7/92	5347084	9/13/94
	MP1431	US	Hybrid Fiber In The Loop Telephony System	07/844342	3/2/92		
	MP1432	US	Low Temperature Expandable Gaskets	07/926802	8/7/92		
	MP1432	US	Low Temperature Expandable Gaskets	08/341343	11/17/94		
	MP1452	US	Coaxial Cable Connection Protection System	07/912106	7/10/92	5297972	3/29/94
	MP1452	US	Coaxial Cable Connection Protection System	08/219064	3/29/94	5469613	11/28/95
	MP1452	US	Coaxial Cable Connection Protection System	08/563805	11/28/95		
	MP1453	US	Coaxial Cable Connector Protection System With Multiple Chamber Shroud	07/911427	7/10/92	5277598	1/11/94
	MP1453	US	Coaxial Cable Connector Protection System With Multiple Chamber Shroud	08/106276	8/13/93	5486120	1/23/96
	MP1453	US	Coaxial Cable Connector Protection System With Multiple Chamber Shroud	08/574760	12/20/95		
	MP1459	US	Pulse Pumped Doped Fiber Amplifier	07/943084	9/10/92		
	MP1461	US	Coaxial Cable Connection Method And Device Using Oxide Inhibiting Sealant	07/981974	11/25/92	5362250	11/8/94
	MP1461	US	Coaxial Cable Connection Method And Device Using Oxide Inhibiting Sealant	08/335602	11/8/94	5490803	2/13/96

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1483	US	Coaxial Cable Connection Protection System For Unused Connection Port	08/118119	9/7/93	5435736	7/25/95
	MP1483	US	Coaxial Cable Connection Protection System For Unused Connection Port	08/456885	6/1/95	5655915	8/12/97
	MP1511	US	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	08/251878	6/1/94		
	MP1511	US	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	08/616433	3/15/96		
	MP1514	US	Environmental Protection Device With Manually Operated Latch Mechanism	08/252016	6/1/94	5525073	6/11/96
	MP1514	US	Environmental Protection Device With Manually Operated Latch Mechanism	08/434622	5/4/95	5674089	10/7/97
	MP1532	US	Coaxial Cable Tap And Method Of Connecting To An Operational Coaxial Cable Without Interrupting Transmitted Signals	08/427527	4/24/95		
	MP1538	US	CATV Tap	08/347752	12/1/94		
	MP1540	US	Coaxial Cable Connector	08/363141	12/23/94		
	MP1541	US	Locking Coaxial Cable Connector And Adaptor	08/363493	12/23/94	5695363	12/9/97
	MP1542	US	Coaxial Cable Connector With Optional Security Shell	08/412399	3/28/95		
	MP1555	US	Communications Trap Guard	08/459088	6/2/95		
	NC001	US	Environmental Sealing	07/494038	3/14/90		
	NC002	US	Cable Splice Enclosures	07/515004	4/26/90	5059748	10/22/91
	NC003	US	Cable Seal	07/693903	5/1/91	5360945	11/1/94
	NC003	US	Cable Seal	08/332194	10/31/94	5557073	9/17/96
	NC004	US	Telecommunications Terminal Block	07/776501	10/11/91		
	NC004	US	Telecommunications Terminal Block	07/954612	9/30/92		
	NC004	US	Telecommunications Terminal Block	08/046059	4/10/93	5557250	9/17/96
	NC004	US	Telecommunications Terminal Block	09/054950	4/3/98		
	NC006	US	Gas Tube Vent-Safe Device	07/906803	6/30/92		
	NC008	US	Surge Arrestor Fail Safe Thermal Overload Mechanism	07/906952	6/30/92		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC010	US	Enclosure Assembly For Telecommunication Cables	07/899667	6/16/92	5308923	5/3/94
	NC013	US	Bonding Assembly For Fiber Optic Cable And Associated Method	08/048721	4/16/93		
	NC013	US	Bonding Assembly For Fiber Optic Cable And Associated Method	08/298234	8/30/94	5491766	2/13/96
	NC019	US	Telecommunications Terminal	08/186056	1/22/94		
	NC020	US	Signal Tap For Cable Video Systems	08/007366	11/17/95		
	NC021	US	Rodent-Proof Aerial Splice Closure	08/203077	2/28/94		
	NC023	US	Drop Funnel System And Method For Fiber Optic Splice Closures	08/524322	9/6/95		
	NC024	US	Splice Closure For Buried Telecommunications Cables	08/005072	10/6/95		
	NC024	US	Splice Closure For Buried Telecommunications Cables	08/718081	9/17/96	5777268	7/7/98
	NC025	US	Protected Telecommunications Terminal	08/287377	8/8/94		
	NC026	US	Coaxial Cable Connector	08/655801	5/31/96		
	NC027	US	Button Protection Device	08/408363	3/22/95		
	NC028	US	Integrated Front Environmental Seal For F-Connectors	08/023690	8/15/96		
	NC033	US					
	NC034	US	Three-Way Or Higher Signal Splitter/Combiner And Associated Method For Making Same	08/967666	11/10/97		
	NC038	US	Sealing Device	09/086510	5/28/98		
	Z042	US	Electrical Connector Block	08/018758	2/17/93		
	17530	US	ENCLOSURE FOR SPLICED CABLE	9/596882	6/20/00	6280235	8/28/01
	17531	US	ADDRESSABLE SWITCHING TERMINAL SYSTEM	60/281465	4/4/01		
	17570	US	ENCLOSURE FOR SPLICED CABLE HAVING IMPROVED STRAIN RELIEF FE RRULE	9/629928	8/1/00	6325671	12/4/01
	17571	US	Combination Telephone Network Interface Device and Cable TV Splitter	9/710025	11/9/00	6990192	1/24/06
	17633	US	IMPROVED METHOD FOR SEALING OPTOELECTRONIC PACKAGES	60/264959	1/29/01		
	17651	US	METHOD OF DETERMINING LIKELIHOOD OF OPTICAL FIBER CONNECTOR MAKING POSITIVE CONTACT	60/279540	3/28/01		
	17755	US	FIBER MANAGEMENT APPARATUS	60/377078	5/1/02		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	17904	US	OPTICAL RIBER CONNECTOR THAT ALLOWS FOR CONTROL OF FERRULE R ADIAL ORIENTATION	60/401901	8/8/02		
	17969	US	PLUG AND BLOCK CONNECTOR SYSTEM FOR DIFFERENTIAL CONTACT PAI RS	10/321400	12/16/02	6716054	4/6/04
	18019	US	ELECTRICAL COUPLER WITH SPLITTING RECEPTACLE JACK INTERFACES	60/455025	3/14/03		
	18044	US	NETWORK CONNECTION SENSING ASSEMBLY	10/458540	6/10/03	6882140	4/19/05
	18078	US	SHIELDED CABLE HAVING A SPLINE	10/759336	1/16/04		
	18079	US	CABLE HAVING A FILLER	10/693118	10/24/03		
	DESMP 002	US	Coaxial Cable Connector	07/534409	6/6/90	D327872	7/14/92
	DESMP 003	US	Coaxial Cable Connector Installation Tool	07/534206	6/6/90	D350053	8/30/94
	DESMP 005	US	Coaxial Cable Connector Installation Tool	07/534204	6/6/90	D340170	10/12/93
	DESNC 001	US	Connector Box	07/665144	3/5/91	D339794	9/28/93
	DESNC 002	US	Connector Box With Top Entry	07/665148	3/5/91	D335866	5/25/93
	DESNC 003	US	Connector Box With Bottom Entry	07/665149	3/5/91	D335650	5/18/93
	DESNC 004	US	Aerial Connection Housing	07/665749	3/7/91	D340694	10/26/93
	DESNC 006	US	Telecommunications Terminal	29/006956	4/12/93	D353380	12/13/94
	DESNC 008	US	Maintenance Test Unit	29/036352	3/17/95	D372462	8/6/96
	DESNC 009	US	Fiber Optic Splice Tray	29/037591	4/17/95	D372897	8/20/96
	DIT028	US	Fiber Optic Cable Management System	09/325268	6/3/99	6175079	1/16/01
	DIT033	US	Fiber Optic Cable Retainer Assembly	09/587663	6/5/00	6396989	5/28/02
	DIT034	US	Cable Connector Plate	09/408200	9/29/99	6250816	6/26/01
	E-TO-00013	US	Technology Infrastructure Management System	60/730729	10/27/05		
	MP1374A	US	Alarm And Test System For A Digital Added Mail Line	08/360104	12/20/94	5598455	1/28/97
	E-TO-00035	US	Network Interface Plug Connector	11/192218	7/28/05		
	E-TO-00124	US	Packaging System for Flat Drop Cable Capable of Dispensing From Either End	60/835396	8/3/06		
	E-TO-00154	US	Cable Management System	60/925927	4/24/07		
	E-TO-00174	US	Springloaded Environmental Seal and Closures Including the Same	60/966314	8/27/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	E-TO-00217	US	Connector with Non-Metallic Tether	61/070914	3/26/08		
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	06/434011	10/12/82	4600261	7/15/86
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	06/504000	6/13/83	4634207	1/6/87
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	06/730699	5/2/85	4643924	2/17/87
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	06/875802	6/18/86	4690831	9/1/87
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	07/183546	4/18/88	4864725	9/12/89
	MP1493	US	Aerial, Pedestal, Below Grade, Or Buried Optical Fiber Closure	08/187585	1/26/94	5446823	8/29/95
	MP1493	US	Aerial, Pedestal, Below Grade, Or Buried Optical Fiber Closure	08/457420	6/1/95	5556060	9/17/96
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	07/396575	8/21/89	5140746	8/25/92
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	07/933285	8/21/92	5357057	10/18/94
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	08/324420	10/18/94	5639992	6/17/97
	MP0838COM	US	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	08/459584	6/2/95	5672846	9/30/97
	MP0904	US	Optical Fiber Chuck	06/778725	9/19/85	4623156	11/18/86
	MP0905	US	Heating Elements	06/577107	2/6/84	4593181	6/3/86
	MP1018	US	Splice Case	06/688849	1/4/85	4610738	9/9/86
	MP1027	US	Closure Including Gel-Filled End Seals	06/730697	5/2/85	4701574	10/20/87
	MP1028COM	US	Drop Wire Closure Having First And Second Cams	06/698646	2/6/85	4624519	11/25/86
	MP1092	US	Optical Fiber Contact And Connector	06/799898	11/20/85	4790622	12/13/88
	MP1092	US	Optical Fiber Contact And Connector	07/569114	8/17/90	RE34005	7/21/92
	MP1103	US	Gel Filled Enclosure	06/801017	11/22/85	4741709	5/3/88
	MP1138	US	Termseal In Wire-Lift/Plunger Delivery Cap	06/912309	9/26/86	4883431	11/28/89

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1140COM	US	Strained Distributed Optical Fiber Communication System	07/265735	11/1/88	4983008	1/8/91
	MP1243	US	Cable Sealing Apparatus	07/177718	4/5/88	4880676	11/14/89
	MP1258	US	Splice Case	07/186533	4/27/88	4859809	8/22/89
	MP1277	US	Telecommunications Pedestal Closure With Environmental Control Liner	07/254334	10/6/88	4982054	1/1/91
	MP1280	US	Coaxial Cable Connector Seal	07/254336	10/6/88	4998894	3/12/91
	MP1283	US	Crossbox Protection Cap	07/267065	11/4/88	5083940	1/28/92
	MP1286	US	Coaxial Cable Connector	07/485798	2/22/90	4952174	8/28/90
	MP1286	US	Coaxial Cable Connector	07/574413	8/28/90	5011432	4/30/91
	MP1319	US	Optical Fiber Connector Which Provides A High Signal Return Loss	07/398109	8/24/89	4978193	12/18/90
	MP1340	US	Optical Bypass Switch	07/455200	12/20/89	4961620	10/9/90
	MP1340	US	Optical Bypass Switch	07/856039	5/7/92	5343541	8/30/94
	NC014	US	Telecommunications Terminal Block	08/431936	5/1/95	5588869	12/31/96
	MP1347	US	Couplers For Terminating Optical Fiber Ends	08/374390	1/17/95	5475779	12/12/95
	MP1374A	US	Alarm And Test System For A Digital Added Mail Line	07/584325	9/17/90	5111497	5/5/92
	MP1374A	US	Alarm And Test System For A Digital Added Mail Line	07/791749	11/12/91	5195125	3/16/93
	MP1374A	US	Alarm And Test System For A Digital Added Mail Line	08/012293	2/1/93	5404401	4/4/95
	MP1374B	US	Gel Filled Electrical Connector	07/802950	12/3/91	5246383	9/21/93
	NC019	US	Telecommunications Terminal	08/358052	12/16/94	5449299	9/12/95
	MP1374B	US	Gel Filled Electrical Connector	08/099013	7/29/93	5406702	4/18/95
	MP1374B	US	Gel Filled Electrical Connector	08/422556	4/14/95	5562491	10/8/96
	NC021	US	Rodent-Proof Aerial Splice Closure	08/439674	5/12/95	5525756	6/11/96
	MP1374C	US	Gel Filled Modular Electrical Connecting Block	08/006917	1/22/93	5376019	12/27/94
	MP1374C	US	Gel Filled Modular Electrical Connecting Block	08/286763	8/5/94	5427547	6/27/95
	MP1374C	US	Gel Filled Modular Electrical Connecting Block	08/411449	3/28/95	5601460	2/11/97
	MP1468	US	Optical Fiber Water Sensor	08/014040	2/5/93	5430815	7/4/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1485	US	Switching Device With Slidable Switch	08/118120	9/7/93	5491315	2/13/96
	NC004	US	Telecommunications Terminal Block	08/606263	2/23/96	5863215	1/26/99
	NC004	US	Telecommunications Terminal Block	09/054919	4/3/98	6093050	7/25/00
	NC004	US	Telecommunications Terminal Block	09/621470	7/24/00	6302723	10/16/01
	NC005	US	Fiber Optic Splice Organizer And Associated Method	07/906804	6/30/92	5278933	1/11/94
	NC009	US	Connector Ground Clip	08/144074	10/28/93	5480310	1/2/96
	NC011	US	Telecommunications Network Interface Assembly	07/881958	5/12/92	5359654	10/25/94
	NC012	US	Fiber Optic Splice Closure	07/981590	11/25/92	5323480	6/21/94
	NC012	US	Fiber Optic Splice Closure	08/261598	6/17/94	5515472	5/7/96
	NC014	US	Telecommunications Terminal Block	08/046339	4/12/93	5423694	6/13/95
	NC032	US	System For Protecting Telecommunications Equipment From Transient Voltages	09/395955	9/14/99	6298134	10/2/01
	NC044	US	Fiber Optic Splice Closure Including Side Pivoting Slack Storage Holder And Associated Methods	09/189915	11/12/98	6249633	6/19/01
	NC045	US	Fiber Optic Splice Closure Including End Pivoting Slack Storage Holder And Associated Methods	09/189912	11/12/98	6249632	6/19/01
	NC048	US	Fiber Optic Splice Closure Including End Pivoting Slack Storage Holder With Adjustable Rear Wall And Methods	09/295906	4/21/99	6275640	8/14/01
	SG004	US	Pressurized Telecommunications Cable Joint Heat Shrinkable Around Split Canister, To Form Hollow Cylinder	06/664649	10/25/84	4647713	3/3/87
	TO-00312	US	Cutters for Accessing a Fiber with a Fiber Optic Cable to Splice Thereto and Tools and Methods Using the Same	12/732697	3/26/10		
	TO-00330	US	Fiber Optic Cable Systems and Methods for Forming the Same	13/010158	1/20/11		
	TO-00464	US		61/468438	3/28/11		
	Z039	US	Insulation Displacing Electrical Connector	07/715466	6/14/91	5069637	12/3/91
	Z042	US	Electrical Connector Block	07/515796	4/27/90	4993966	2/19/91
	Z042	US	Electrical Connector Block	07/619796	11/29/90	5096437	3/17/92
	Z042	US	Electrical Connector Block	08/233728	4/26/94	RE35476	3/11/97
	TO-00463	US		61/443501	2/16/11		
	TO-00463	US		61/468405	3/28/11		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	E-CC-00440	US	Multi-Ferrules for Making Physical Contact and Method of Determining Same	60/978986	10/10/07		
	TO-00466	US		61/524745	8/17/11		
	TO-00499	US	Wireless Drop for Fiber to the Home Network	61/636395	4/20/12		
	TO-00497	US	Multi-Operator Box	61/579482	12/22/11		
	TO-00640	US	Fiber Optic Adapter	61/831392	6/5/13		
	TO-00509	US	Optical Fiber Alignment Device	61/596035	2/7/12		
	TO-00509	US	Optical Fiber Connection System Including Optical Fiber Alignment Device	61/758021	1/29/13		
	VPC-007	US	MODULAR JACK FOR DIRECTLY COUPLING MODULAR PLUG WITH PRINTED CIRCUIT BOARD (Con III)	266806	6/28/94	5478261	12/26/95
	VPC-009	US	MODULAR CONNECTOR COUPLER WITH SELECTIVE COMMONING SYSTEM	97342	9/11/87	4895532	1/23/90
	VPC-010	US	MODULAR PLUG COMPRISING CIRCUIT ELEMENTS	479794	6/7/95	5692925	12/2/97
	VPC-014	US	IMPROVED CAPACITY MODULAR PLUG	318514	3/3/89	4874330	10/17/89
	VPC-015	US	CONTACT TERMINAL FOR MODULAR PLUG	38020	3/29/93	5284447	2/8/94
	VPC-017	US	MODULAR ELECTRICAL PLUG INCLUDING A PRINTED CIRCUIT SUBSTRATE	9/213831	12/17/98	6354865	3/12/02
02313.3982USP1	TO-00420	US	Cable Strain Relief Clamping Devices and Methods for Using the Same	61/449872	3/7/11		
02316.1687USC2		US	COUPLER FOR CABLE TROUGH	14/791,589	7/6/15		
02316.1900USWO	00-012	US	Assembly and method for use in terminating an optical fiber or fibers	10/311026	6/11/01	6811323	11/2/04
02316.1901USWO	00-009	US	Connection module with overvoltage device	10/311,258	5/30/01	7270551	9/18/07
02316.1917USWO	00-015	US	Electrical Connector	10/344491	7/26/01	6953362	10/11/05
02316.1920USWO	01-005	US	Strain relief device for a Plug Connector for Communications and Data technology	10/490156	8/12/02	7114987	10/3/06
02316.1927USWO	00-017	US	Coupling device for glass fiber connectors	10/381,614	9/21/01	6932513	8/23/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.1928USWO	01-004	US	Universal adapter	10/487656	7/27/02	7182524	2/27/07
02316.1929USWO	01-007	US	Terminal block	10/492,395	9/13/02	7008243	3/7/06
02316.1988US01	97-002	US	Outdoor housing	09/036459	3/6/98	6075207	6/13/00
02316.1990USWO	00-019	US	Optical Fibre Connection Housing	10/381467	9/24/01	6788871	9/7/04
02316.1991US01	99-008	US	Unit with wire termination and RJ style plug	09/323567	6/1/99	6113419	9/5/00
02316.1992US01	98-013	US	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	09/204705	12/2/98	6120330	9/19/00
02316.1992USD1	98-013	US	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	09/558816	4/26/00	6319069	11/20/01
02316.1993US01	98-023	US	Electrical Connector	09/360239	7/23/99	6280231	8/28/01
02316.1993USD1	98-023	US	Electrical Connector	09/912751	7/25/01	6338642	1/15/02
02316.1993USD2	98-023	US	Electrical Connector	09/847738	5/2/01	6338641	1/15/02
02316.1994US01	94-022	US	Electrical Plug Connector	08/499,068	7/6/95	5655934	8/12/97
02316.1994USD1	94-022	US	Electrical Plug Connector	08/756,040	11/26/96	5752858	5/19/98
02316.1996USI1	80-129	US	A twin contact terminal element	06/501,129	6/6/83	4547034	10/15/85
02316.1997US01	86-064	US	A casing, particulary a junction-box casing for telecommunications engineering	07/047671	5/6/87	4791244	12/13/88
02316.1998US01	87-008	US	Connector block with normally open or switching contacts	07/191553	5/9/88	4871330	10/3/89
02316.1999US01	88-159	US	Connecting element for optical waveguides	07/250903	9/29/88	4889405	12/26/89
02316.2000US01	89-192	US	Electrical Connector	07/666690	3/8/91	5074804	12/24/91

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.2001US01	90-011	US	Terminal block for telecommunications systems	07/694119	5/1/91	5163855	11/17/92
02316.2002US01	91-022	US	Switching assembly for glass fibre cables of the telecommunication and data technology	07/955,497	10/2/92	5289558	2/22/94
02316.2003US01	93-023	US	Connection block for high speed transmission in the telecommunication and data system	08/279,436	7/25/94	5494461	2/27/96
02316.2004US01	93-030	US	Terminal block	08/311145	9/23/94	5641312	6/24/97
02316.2005US01	94-015	US	Housing for optical components	08/427288	4/21/95	5572617	11/5/96
02316.2006US01	94-018	US	Automatic distribution device for telecommunication and data lines	08/470069	6/6/95	5576603	11/19/96
02316.2007US01	94-025	US	Printed Circuit Board for Connectors	08/502387	7/14/95	5663870	9/2/97
02316.2008US01	94-032	US	Terminal element	08/513535	8/10/95	5620332	4/15/97
02316.2009US01	90-012	US	Cutting Clamping Contact	07/708985	5/31/91	5131863	7/21/92
02316.2010USC1	92-024	US	Signal-connector with capacitive adjustment for improved crosstalk parameters	08/439,197	10/22/93	5580270	12/3/96
02316.2011US01	95-006	US	Electrical Connectors	08/637852	4/25/96	5755598	5/26/98
02316.2012US01	95-009	US	Switching field	08/707131	9/3/96	5742012	4/21/98
02316.2013US01	95-010	US	Electrical Connector	08/701739	8/22/96	5816844	10/6/98
02316.2014US01	95-016	US	Terminal block for high transmission rates	08/722,357	9/27/96	5772472	6/30/98
02316.2015US01	95-020	US	Automatic re-arrangement and distribution device for telecommunication and data lines	08/722356	9/27/96	5760551	6/2/98
02316.2016US01	96-005	US	Management-capable splice cassette	08/814630	3/10/97	5917984	6/29/99
02316.2017US01	96-002	US	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	08/815,114	3/11/97	5999412	12/7/99

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.2018US01	96-007	US	Termination tool	08/843880	4/4/97	5842268	12/1/98
02316.2019US01	96-008	US	Mounting assembly for electrical termination blocks	08/637848	4/25/96	5697811	12/16/97
02316.2020US01	96-013	US	Connecting terminal	08/911314	8/19/97	5989057	11/23/99
02316.2021US01	96-018	US	Clamping device	08/976242	11/21/97	5998737	12/7/99
02316.2022US01	96-020	US	Terminal, isolating or connecting strip	08/986,393	12/8/97	6068503	5/30/00
02316.2023US01	96-019	US	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	08/971437	11/17/97	6013874	1/11/00
02316.2024US01	97-028	US	Apparatus for connecting cable cores	09/189529	11/10/98	6007367	12/28/99
02316.2025US01	97-032	US	Patch Panel with retractable patch cord	09/001,914	12/31/97	6077108	6/20/00
02316.2026US01	98-010	US	Electrical Connector	09/294,589	4/20/99	6243250	6/5/01
02316.2027US01	97-008	US	Arrangement of contact pairs for compensation of near-end crosstalk	09/034973	3/4/98	6017247	1/25/00
02316.2035USC1	94-021	US	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	08/822,363	3/20/97	5808849	9/15/98
02316.2036US01	97-031	US	Electrical power outlet with IDC connections	09/200217	11/25/98	6095848	8/1/00
02316.2134USC2		US	FIBER OPTIC CABLE FOR CONNECTORIZATION AND METHOD	14/726,954	6/1/15		
02316.2379USC3		US	TELECOMMUNICATIONS DEVICE	14/737,681	6/12/15		
02316.2485US10		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	14/813,737	7/30/15		
02316.2485US11		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	14/813,765	7/30/15		
02316.2485US12		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	14/813,806	7/30/15		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.2485US13		US	ADAPTER PANEL WITH SLIDING ADAPTER ARRAYS	14/813,877	7/30/15		
02316.2485US14		US	ADAPTER PANEL WITH SLIDING ADAPTER ARRAYS	14/813,909	7/30/15		
02316.2485US15		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	14/813,955	7/30/15		
02316.2485US16		US	DAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	14/813,989	7/30/15		
02316.2485US17		US	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	14/813,740	7/30/15		
02316.2485USC9		US	ADAPTER PANEL WITH SLIDING ADAPTER ARRAYS	14/813,697	7/30/15		
02316.2551US01	87-075	US	Connector bank for telecommunication devices	07/229691	8/8/88	4846735	7/11/89
02316.2552US01	87-166	US	Terminal unit for cable pairs in Telecommunication systems	07/203317	6/6/88	4909759	3/20/90
02316.2553US01	93-028	US	Clamping Terminal unit	08/300729	9/2/94	5545060	8/13/96
02316.2556US01	94-007	US	Insulation displacement contact element	08/378190	1/25/95	5685733	11/11/97
02316.2557US01	94-012	US	Obliquely disposed insulation displacement contact	08/398114	3/3/95	5667400	9/16/97
02316.2558US01	94-035	US	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	08/535775	9/28/95	5773763	6/30/98
02316.2559US01	99-002	US	Surge arrester mounting unit for telecommunications and data systems equipment	09/474,226	12/29/99	6654223	11/25/03
02316.2560USWO	00-004	US	Duplex connector for fiber clips	10/258002	3/21/01	6672898	1/6/04
02316.2748USP1	NT-00373	US	Keying for MPO Systems	61/605498	3/1/12		
02316.2748USU1	NT-00373	US	Keying for MPO Systems	13/780859	2/28/13		
02316.2946USC1		US	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL ASSEMBLY	14/745,582	6/22/15		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3053USP1	NC072	US	Splitter Cabinet for Optical Fiber Network and Methods of Using Same	60/456323	3/20/03		
02316.3093USC1		US	FIBER TO THE ANTENNA	14/749,213	6/24/15		
02316.3137USC1		US	RAPID MULTI-SERVICE TERMINAL	14/813,453	7/30/15		
02316.3186USU1	E-TO-00170	US	Cable Enclosure Assemblies and Methods for Using the Same	11/978780	10/30/07	7477826	1/13/09
02316.3246USWO	NT-00375	US	Component Identification and Tracking System for Telecommunication Networks	14/116666	11/8/13		
02316.3308USC1		US	AGGREGATION ENCLOSURE FOR ELEVATED, OUTDOOR LOCATIONS	14/800,878	7/16/15		
02316.3339USC1		US	BROADBAND RADIO FREQUENCY DATA COMMUNICATION SYSTEM USING TWISTED PAIR WIRING	14/727,440	6/1/15		
02316.3339USP2	NT-00368	US	Broadband Radio Frequency Data Communication System Using Twisted Pair Wiring	61/545476	10/10/11		
02316.3339USU1	NT-00368	US	Broadband Radio Frequency Data Communication System Using Twisted Pair Wiring	13/648646	10/10/12		
02316.3345USP1	TO-00482	US	Hybrid Thermoplastic Gels and their Methods of Making	61/681940	8/10/12		
02316.3345USU1	TO-00482	US	Hybrid Thermoplastic Gels and their Methods of Making	13/955243	7/31/13		
02316.3346USP1	TO-00409	US			4/11/12		
02316.3352USP1	NT-00365	US	Fiber Optic Wall Plate with Redundancy System	61/579334	12/22/11		
02316.3352USU1	NT-00365	US	Fiber Optic Wall Plate with Redundancy System	13/720505	12/19/12		
02316.3367USP1	NT-00367	US	Telecommunications Jack Having Offset Stop Latches and Panel Including the Same	61/579587	12/22/11		
02316.3367USU1	NT-00367	US	Telecommunications Jack Having Offset Stop Latches and Panel Including the Same	13/720541	12/19/12		
02316.3372USC1		US	TUNED FIBER OPTIC CONNECTORS	14/735,867	6/10/15		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3387USU1	NT-00381	US	Secure Jacket	13/919283	6/17/13		
02316.3411USWO	NT-00342	US	Release Tab for an Electrical Connector and Electrical Connector Comprising Said Release Tab	13/984446	2/7/12		
02316.3412USWO	NT-00347	US	Single Action Connector	13/984455	8/8/13		
02316.3413USWO	TO-00509	US	Optical Fiber Connection System Including Optical Fiber Alignment Device				
02316.3447USP1	NT-00350	US	Flush Floor Box	61/620250	4/4/12		
02316.3448USD1		US	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	14/745,571	6/22/15		
02316.3450USP1	NT-00344	US	Device and Method for Routing Cables	61/707277	9/28/12		
02316.3450USU1	NT-00344	US	Device and Method for Routing Cables	14/039425	9/27/13		
02316.3463USC1		US	ELECTRICAL CONNECTOR WITH MULTIPLE CONTACT ARRAY MATERIALS	14/798,062	7/13/15		
02316.3463USP1	NT-00386	US	Electrical Connector with Multiple Contact Array Materials	61/768217	2/22/13		
02316.3476US1	NT-00384	US	A Cable Management System	13/930867	6/28/13		
02316.3476USP1	NT-00384	US	A Cable Management System	61/666503	6/29/12		
02316.3486USP1	NT-00385	US	Latching Clip for Telecommunications Jack	61/673450	7/19/12		
02316.3488USC1		US	MANAGED ELECTRICAL CONNECTIVITY SYSTEM	14/809,789	7/27/15		
02316.3522US1	NT-00404	US	Notched Contact for a Modular Plug	14/198906	3/6/14		
02316.3522USP1	NT-00404	US	Notched Contact for a Modular Plug	61/778035	3/12/13		
02316.3528USC1		US	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	14/749,315	6/24/15		
02316.3542USP1	NT-00391	US	Network System for Configurable Delivery of Combined Power and Data Signals Over Twisted Pair Wiring	61/768230	2/22/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3543USP1	NT-00392	US	Cable Construction for Configurable Delivery of Combined Power and Data Signals Over Twisted Pair Wiring	61/768243	2/22/13		
02316.3544USP1	NT-00393	US	Interface Configurable Delivery of Combined Power and Data Signals Over Twisted Pair Wiring	61/768255	2/22/13		
02316.3545USP1	NT-00394	US	Methods Providing Configurable Delivery of Combined Power and Data Signals Over Twisted Pair Wiring	61/768261	2/22/13		
02316.3561US01	NT-00354	US	Flexible Lensed Optical Interconnect Device for Signal Distribution	13/230094	9/12/11		
02316.3562US01	NT-00355	US	Bend-Limited Flexible Optical Interconnect Device for Signal Distribution	13/230117	9/12/11		
02316.3587USP1	NT-00405	US	Flexible Optical Circuit, Cassettes, and Methods	61/710519	10/5/12		
02316.3637USWO		US	DISTRIBUTION DEVICE WITH INCREMENTALLY ADDED SPLITTERS	14/653,888	6/19/15		
02316.3759USP1	NT-00410	US		61/670300	7/11/12		
02316.3760USP1	NT-00412	US	Distributed Antenna System with Managed Connectivity	61/670482	7/11/12		
02316.3761USP1	NT-00413	US	Secure Physical Layer Management	61/670237	7/11/12		
02316.3762USP1	NT-00411	US		61/670515	7/11/12		
02316.3826US01	NT-00335	US	Electrical Connector with Terminal Array	13/010533	1/20/11	8591248	11/26/13
02316.3826USC1	NT-00335	US	Electrical Connector with Terminal Array	14/075737	11/8/13		
02316.3827US01	NT-00317	US	Electrical Connectors and Printed Circuits Having Broadside-Coupling Regions	12/849593	8/3/10	8435082	5/7/13
02316.3827USC1	NT-00317	US	Electrical Connectors and Printed Circuits Having Broadside-Coupling Regions	13/864043	4/16/13	8568177	10/29/13
02316.3827USC2	NT-00317	US	Electrical Connectors and Printed Circuits Having Broadside-Coupling Regions	14/061500	10/23/13		
02316.3834US01	NT-00330	US	Electrical Connector Having a First Group of Terminals Taller Than That of a Second Group or Located in a Non-Parallel Plane	13/010464	1/20/11	8257117	9/4/12

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3835USP1	E-TO-00125	US	Interface Module	60/852207	10/16/06		
02316.3835USU1	E-TO-00125	US	Panel Interface Module Which Provides Electrical Connectivity Between Panel and Shielded Jacks	11/881132	7/25/07	7722402	5/25/10
02316.3836.USC1	NT-00334	US	Electrical Connector Having Crosstalk Compensatoin Insert	14/075772	11/8/13		
02316.3836US01	NT-00334	US	Electrical Connector Having Crosstalk Compensatoin Insert	13/010508	1/20/11	8647146	2/11/14
02316.3844US01	TO-00302	US	Methods and Apparatus for Terminating Electrical Connectors to Cables	12/644672	12/22/09	7871285	1/18/11
02316.3845US01	18204	US	Method and Apparatus for Providing Out of Band Communications Over Structured Cabling	10/999637	11/30/04	7443915	10/28/08
02316.3846US01	E-TO-00178	US	Coupler for Interconnecting Electrical Connectors	12/027329	2/7/08	7572148	8/11/09
02316.3847US01	TO-00295	US	Electrical Connector Having an Electrically Parallel Compensation Region	12/547245	8/25/09	8016621	9/13/11
02316.3847USC1	TO-00295	US	Electrical Connectors Having Open-Ended Conductors	13/214760	8/22/11	8282425	10/9/12
02316.3847USC2	TO-00295	US	Electrical Connectors Having Open-Ended Conductors	13/646415	10/5/12	8500496	8/6/13
02316.3847USC3	TO-00295	US	Electrical Connectors Having Open-Ended Conductors	13/953083	7/29/13	8616923	12/31/13
02316.3847USC4	TO-00295	US	Electrical Connectors Having Open-Ended Conductors	14/137456	12/20/13		
02316.3848US01	TO-00274	US	Electrical Connectors with Crosstalk Compensation	12/547211	8/25/09	8128436	3/6/12
02316.3849US01	TO-00272	US	Electrical Connector with Separable Contacts	12/547321	8/25/09	7967644	6/28/11
02316.3849USC1	TO-00272	US	Electrical Connector with Separable Contacts	13/164443	6/20/11	8287316	10/16/12
02316.3849USC2	TO-00272	US	Electrical Connector with Separable Contacts	13/651662	10/15/12	8496501	7/30/13
02316.3849USC3	TO-00272	US	Electrical Connector with Separable Contacts	13/948869	7/23/13	8632368	1/21/14

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3871US01	NT-00319	US	Latch Assembly for a Connector Assembly	12/688284	1/15/10	8062049	11/22/11
02316.3873US01	NT-00320	US	Cable Clip for a Connector Assembly	12/838570	7/19/10	8337238	12/25/12
02316.3874USP1	NT-00343	US	Method and Apparatus for Mounting Rack Components on Racks	61/421740	12/10/10		
02316.3874USU1	NT-00343	US	Method and Apparatus for Mounting Rack Components on Racks	13/305872	11/29/11		
02316.3875USP1	NT-00338	US	Switch Rack System	61/350730	6/2/10		
02316.3875USU1	NT-00338	US	Switch Rack System	13/150786	6/1/11		
02316.3875USU2	NT-00338	US	Aggregator for a Switch Rack System	13/150814	6/1/11		
02316.3876USC1	NT-00326	US	CABLE WITH TWISTED PAIRS OF INSULATED CONDUCTORS	14/301907	6/11/14		
02316.3876USI1	NT-00326	US	Cable with Twisted Pairs of Insulated Conductors	13/174270	6/30/11		
02316.3877USU1		US	TWISTED PAIR CABLE WITH SHIELDING ARRANGEMENT	14/748,886	6/24/15		
02316.3878US01	TY-00090	US	Tool-Less Clamping Mechanism	13/115615	5/25/11	8734028	5/27/14
02316.3879US01	TY-00084	US	Ferrule with Protruding Fibers	12/872391	8/31/10		
02316.3879USC1	TY-00084	US	FERRULE WITH PROTRUDING FIBERS	14/336309	7/21/14		
02316.3880US01	NT-00353	US	Electrical Cable with Optical Fiber	13/177318	7/6/11	8676010	3/18/14
02316.3880USC1	NT-00353	US	Electrical Cable with Optical Fiber	14/216,035	3/17/14	9058921	6/16/15
02316.3880USC2		US	ELECTRICAL CABLE WITH OPTICAL FIBER	14/739,288	6/15/15		
02316.3881US01	NT-00358	US	Optical Network Terminal System Using Physical Security Features	13/230061	9/12/11		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3882US01	E-TO-00009	US	Electrical Connector with Crosstalk Compensation	11/017246	12/20/04	7074092	7/11/06
02316.3883US01	E-TO-00028	US	Duplex Plug Adapter Module	11/117868	4/29/05	7311539	12/25/07
02316.3884US01	E-TO-00049	US	Electrical Connector Adaptor with Strain Relief	11/244985	10/6/05	7070454	7/4/06
02316.3885US01	NT-00315	US	Mounting Feature for the Contact Array of an Electrical Connector	12/685347	1/11/10	8187040	5/29/12
02316.3886US01	E-TO-00180	US	Electrical Connectors and Circuit Boards Having Non-Ohmic Plates	12/109544	4/25/08	7658651	2/9/10
02316.3887US01	E-TO-00088	US	Receptacle with Crosstalk Optimizing Contact Array	11/372957	3/10/06	7628656	12/8/09
02316.3888US01	E-TO-00089	US	Electrical Connector Having Staggered Contacts	11/435644	5/17/06	7341493	3/11/08
02316.3889US01	E-TO-00090	US	Electrical Connector Having Contact Plates	11/411380	4/26/06	7407417	8/5/08
02316.3890US01	NT-00318	US	Plug Assembly	12/688236	1/15/10	8096833	1/17/12
02316.3892US01	TY-00101	US	Cable Anchoring System	13/115652	5/25/11		
02316.3893US01	E-TO-00161	US	Method and Apparatus for Visual Indication in Cable Network Systems	11/901543	9/18/07	7686643	3/30/10
02316.3894USP1	E-TO-00162	US	Interface Module and Insertable Jack	60/963036	8/2/07		
02316.3894USU1	E-TO-00162	US	Patch Panel Modular Jack Assembly	12/167031	7/2/08	7806721	10/5/10
02316.3895US01	E-TO-00179	US	Electrical Connector with Compensation Loops	12/103582	4/15/08	7641521	1/5/10
02316.3904US01	18147	US	INTERFACE ADAPTER MODULE	10/832550	4/27/04	7066770	6/27/06
02316.3905USC1	18066	US	OPTICAL FIBER CLAMPING ASSEMBLY	11/591823	11/2/06	7331719	2/19/08
02316.3905USP1	18066	US	OPTICAL FIBER CLAMPING ASSEMBLY	60/484229	6/30/03		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3907USC1	17584	US	Connector and Receptacle Containing a Physical Security Feature	10/982374	11/5/04	7207724	4/24/07
02316.3907USC2	17584	US	Connector System with Physical Security Feature	13/447613	4/16/12	8708573	4/29/14
02316.3907USC3	17584	US	Connector System with Physical Security Features	13/839732	3/15/13	8794849	8/5/14
02316.3907USD1	17584	US	Connector and Receptacle Containing a Physical Security Feature	11/930751	10/31/07	7651277	1/26/10
02316.3907USD2	17584	US	Transceiver Having a Physical Security Feature	12/061064	4/2/08	7789572	9/7/10
02316.3907USI1	17584	US	CONNECTOR AND RECEPTACLE WITH SECURITY FEATURE	11/025090	12/29/04	7182523	2/27/07
02316.3907USI2	17584	US	Connector and Receptacle Containing a Physical Security Feature	11/108489	4/18/05	7118286	10/10/06
02316.3907USI4	17584	US	Connector System with Physical Security Feature	12/876943	9/7/10		
02316.3907USU1	17584	US	CONNECTOR AND RECEPTACLE WITH SECURITY FEATURE	9/908140	7/17/01	6960025	11/1/05
02316.3908US01	E-TO-00241	US	Terminal Block and Board Assembly for an Electrical Connector	12/540955	8/13/09	7901238	3/8/11
02316.3909US01	TO-00311	US	A Panel Assembly for a Connectivity Management System	12/508153	7/23/09	7854624	12/21/10
02316.3910US	TO-00275	US	Faceplate Assembly and Label Cover	12/497909	7/6/09	8230629	7/31/12
02316.3911US01	E-TO-00245	US	Electrical Connector with Contact Spacing Members	12/396211	3/2/09	7927152	4/19/11
02316.3912US01	E-TO-00215	US	Sensor Strip for a Connectivity Management System	12/198738	8/26/08	7695309	4/13/10
02316.3913US01	E-TO-00220	US	Cassette for a Cable Interconnect System	12/394816	2/27/09	7909643	3/22/11
02316.3914US01	E-TO-00221	US	Cassette Having Interchangable Rear Mating Connectors	12/394912	2/27/09		
02316.3915US01	E-TO-00205	US	Electrical Connector With a Compliant Cable Strain Relief Element	12/143291	6/20/08	7621772	11/24/09
02316.3915USI1	E-TO-00205	US	Electrical Connector with a Compliant Cable Strain Relief Element	12/485457	6/16/09	7874865	1/25/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3916US01	E-TO-00208	US	Cabling Having Shielding Separators	12/113032	4/30/08		
02316.3916USI1	E-TO-00208	US	Cabling Having Shielding Separators	12/431293	4/28/09	7834271	11/16/10
02316.3917US01	E-TO-00222	US	Shielded Cassette for a Cable Interconnect System	12/394987	2/27/09	7878824	2/1/11
02316.3917USI1	E-TO-00222	US	Shielded Cassette for a Cable Interconnect System	12/508247	7/23/09	7909622	3/22/11
02316.3919US01	E-TO-00225	US	Cassette with Locking Feature	12/395144	2/27/09	7909619	3/22/11
02316.3921US01	E-TO-00182	US	Electrical Connector with Compensation Component	12/134948	6/6/08	7686649	3/30/10
02316.3922US01	E-TO-00181	US	Electrical Connector with Enhanced Back End Design	12/107228	4/22/08	7575482	8/18/09
02316.3923USP1	E-TO-00198	US	Connector Cap Tether	61/008799	12/21/07		
02316.3923USU1	E-TO-00198	US	Electrical Connector with Tethered Cover	12/338465	12/18/08		
02316.3924US01	E-TO-00187	US	Interface Module	12/048859	3/14/08	7828592	11/9/10
02316.3927US01	E-CC-00582	US	Protective Cover for Field-Installable Connector	12/017214	1/21/08	7988367	8/2/11
02316.3927USD1	E-CC-00582	US	Protective Cover for Field-Installable Connector	13/168328	6/24/11	8425125	4/23/13
02316.3928USP1	18207	US	Small Form Factor, Field-Installable Connector	60/584367	6/30/04		
02316.3928USU1	18207	US	Small Form Factor, Field-Installable Connector	11/166294	6/24/05		
02316.3929US01	E-CC-00538	US	Field Terminating Method and Device	12/061132	4/2/08	7567743	7/28/09
02316.3930US01	E-CC-00673	US	Field Terminating Method and Device	13/331328	12/20/11	8657506	2/25/14
02316.3951USU1		US	PULLING GRIP ASSEMBLY	14/738,295	6/12/15		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3964USU1		US	CAPACITIVE COMPENSATION	14/799,046	7/14/15		
02316.3980USP1	TO-00425	US	Fiber Optic Adapters and Connector Devices with Mounting Features and Mounting Systems and Methods Including the Same	61/470811	4/1/11		
02316.3980USU1	TO-00425	US	Fiber Optic Adapters and Connector Devices with Mounting Features and Mounting Systems and Methods Including Same	13/420276	3/14/12	8827571	9/9/14
02316.3981USP1	TO-00422	US	Retainer Tab Assemblies and Slack Basket Systems, Fiber Optic Enclosures and Methods Including the Same	61/449965	3/7/11		
02316.3981USU1	TO-00422	US	Retainer Tab Assemblies and Slack Basket Systems, Fiber Optic Enclosures and Methods Including the Same	13/404988	2/24/12		
02316.3982USU1	TO-00420	US	Cable Strain Relief Clamping Devices and Methods for Using the Same	13/409478	3/1/12	8903216	12/2/14
02316.3983USP1	TO-00421	US	Fiber Optic Splice Enclosures Having Interchangeable Endplate Assemblies and Methods Including the Same	61/449941	3/7/11		
02316.3983USU1	TO-00421	US	Fiber Optic Splice Enclosures Having Interchangeable Endplate Assemblies and Methods Including the Same	13/404970	2/24/12	8891928	11/18/14
02316.3984US01	TO-00361	US	Fiber Optic Enclosure Assemblies and Methods for Forming and Using the Same	13/074829	3/29/11		
02316.3985USP1	TO-00365	US	Fiber Optic Cabling Enclosure Systems, Plugs and Methods for Using the Same	61/354904	6/15/10		
02316.3985USU1	TO-00365	US	Cable Enclosure Systems, Plugs and Methods for Using the Same	13/159495	6/14/11		
02316.3986USD1	TO-00266	US	Fiber Optic Multi Dwelling Unit Deployment Apparatus and Methods for Using the Same	13/431365	3/27/12	8292517	10/23/12
02316.3986USP1	TO-00266	US	Fiber Optic Multi Dwelling Unit Deployment Apparatus and Methods for Using the Same	61/121751	12/11/08		
02316.3986USU1	TO-00266	US	Fiber Optic Multi Dwelling Unit Deployment Apparatus Including a Seamed Protection Jacket	12/420912	4/9/09	8167504	5/1/12
02316.3998US01	MP1492	US	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	08/226149	4/11/94		
02316.3998USI1	MP1492	US	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	08/397600	3/2/95	5739463	4/14/98
02316.4039US01	NC017	US	Fiber Optic Cable System Including Main And Drop Cables And Associated Fabrication Method	08/048610	4/16/93	5440665	8/8/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.4039USD1	NC017	US	Fiber Optic Cable System Including Main And Drop Cables And Associated Fabrication Method	08/394118	2/24/95	5528718	6/18/96
02316.4039USD2	NC017	US	Fiber Optic Cable System Including Main And Drop Cables And Associated Fabrication Method	08/623069	3/28/96	5657413	8/12/97
02316.4040USP1	E-TO-00023	US	Optical Fiber Termination Apparatus with Connector Adaptor and Method for Using the Same	60/638866	12/22/04		
02316.4040USU1	E-TO-00023	US	Optical Fiber Termination Apparatus with Connector Adaptor and Method for Using the Same	11/302629	12/14/05	7428366	9/23/08
02316.4041USP1	E-TO-00055	US	Multitap Optical Fiber Termination Apparatus	60/685450	5/27/05		
02316.4045US01	E-TO-00027	US	Optical Fiber Repair Apparatus with Adjustable Guide Member and Methods for Using the Same	11/106242	4/14/05	7310470	12/18/07
02316.4045USD1	E-TO-00027	US	Method for Splicing Optical Fibers Using an Optical Fiber Repair Apparatus with Adjustable Guide Member	11/983024	11/6/07	7503707	3/17/09
02316.4047USP1	E-TO-00056	US	Optical Fiber Termination Apparatus for Taut Sheath Splicing and Method for Using the Same	60/685673	5/27/05		
02316.4047USU1	E-TO-00056	US	Optical Fiber Termination Apparatus for Taut Sheath Splicing and Method for Using the Same	11/438559	5/22/06	7359613	4/15/08
02316.4049USP1	E-TO-00067	US	Multitap Optical Fiber Termination Apparatus and Optical Network Architecture, Terminals for Use in Such Networks and Methods for Using the Same	60/702146	7/25/05		
02316.4049USU1	E-TO-00067	US	Optical Fiber Cable Terminal Apparatus	11/491644	7/24/06	7356237	4/8/08
02316.4050USP1	E-TO-00078	US	Sealed Multi-Fiber Connector		9/2/05		
02316.4052USP1	E-TO-00034	US	Multitap Optical Fiber Termination Apparatus	60/650055	2/4/05		
02316.4053USP1	E-TO-00085	US	Fiber Optical Splice Storage Apparatus and Methods for Using the Same	60/729575	10/24/05		
02316.4053USU1	E-TO-00085	US	Fiber Optical Splice Storage Apparatus and Methods for Using the Same	11/584958	10/23/06	7340145	3/4/08
02316.4054USP1	E-TO-00086	US	Optical Fiber Clips, Random Access Management Systems Including Clips and Methods for Using the Same	60/729648	10/24/05		
02316.4054USU1	E-TO-00086	US	Optical Fiber Clips, Random Access Management Systems Including Clips and Methods for Using the Same	11/585042	10/23/06	7454115	11/18/08

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.4055USP1	E-TO-00092	US	Re-Enterable Fiber Optic Pigtail/Jumper Splice Enclosure	60/742768	12/6/05		
02316.4055USU1	E-TO-00092	US	Optical Fiber Splicing Closures and Methods	11/561761	11/20/06	7393148	7/1/08
02316.4056USC1	E-TO-00094	US	Methods for Terminating Optical Fiber Cables	12/794067	6/4/10	8126304	2/28/12
02316.4056USP1	E-TO-00094	US	Fiber Optic Cable Systems and Kits and Methods for Terminating the Same	60/775614	2/22/06		
02316.4056USU1	E-TO-00094	US	Fiber Optic Cable Systems and Kits and Methods for Terminating the Same	11/655707	1/19/07	7756372	7/13/10
02316.4058US01	E-TO-00097	US	Sealing Assemblies and Methods for Sealing an Elongate Member	11/685112	3/12/07	7780173	8/24/10
02316.4062USP1	E-TO-00123	US	Fiber Optic Duct Plug	60/835391	8/3/06		
02316.4062USP2	E-TO-00123	US	Fiber Optic Duct Plug and Method for Using the Same	60/824089	8/31/06		
02316.4062USU1	E-TO-00123	US	Duct Closures and Methods of Sealing Ducts Using the Same	11/897425	8/30/07	7440667	10/21/08
02316.4063USP1	E-TO-00143	US		60/885081	1/16/07		
02316.4064USP1	E-TO-00147	US	Multi-Drop Closure Systems and Methods for Fiber Optic Cabling	60/898577	1/31/07		
02316.4064USU1	E-TO-00147	US	Multi-Drop Closure Systems and Methods for Fiber Optic Cabling	12/017562	1/22/08	7668432	2/23/10
02316.4065USP1	E-TO-00168	US	High Fiber Count Fanout Devices for Optical Fibers	60/966300	8/27/07		
02316.4065USU1	E-TO-00168	US	Optical Fiber Fanout Devices and Methods for Forming the Same	12/008029	1/8/08	7613376	11/3/09
02316.4067USU1	E-TO-00171	US	Cable Enclosure Assemblies and Methods for Using the Same	11/980284	10/30/07	7603018	10/13/09
02316.4069USP1	E-TO-00173	US	Ganged Drop Cables and Tap Off Closures Including the Same	60/966316	8/27/07		
02316.4071USP1	E-TO-00175	US	Methods for Accessing a Fiber Within a Fiber Optic Cable to Splice Thereto and Tools for Use with Same	60/966301	8/27/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.4071USU1	E-TO-00175	US	Methods for Accessing a Fiber Within a Fiber Optic Cable to Splice Thereto and Tools for Use with the Same	12/194178	8/19/08	7860364	12/28/10
02316.4076USP1	TO-00255	US	Cable Strain Relief Clamping Devices and Methods for Using the Same	61/093856	9/3/08		
02316.4076USU1	TO-00255	US	Cable Strain Relief Clamping Devices and Methods for Using the Same	12/535946	8/5/09	8032001	10/4/11
02316.4077USI1	TO-00270	US	Cable Clamping Devices and Methods for Using the Same	12/557865	9/11/09	7925135	4/12/11
02316.4077USP1	TO-00270	US	Cable Securing Devices and Methods of Using the Same	61/122003	12/12/08		
02316.4079USC1	TO-00263	US	Fiber Optic Connector Storage Apparatus and Methods for Using the Same	13/524836	6/15/12	8369677	2/5/13
02316.4079USP1	TO-00263	US	Fiber Optic Connector Storage Apparatus and Methods for Using the Same	61/110017	10/31/08		
02316.4079USU1	TO-00263	US	Fiber Optic Connector Storage Apparatus and Methods for Using the Same	12/606736	10/27/09	8224144	7/17/12
02316.4084US01	TO-00382	US	Thermoplastic Gel Sealants	12/912292	10/26/10		
02316.4086US01	TO-00380	US	Fiber Optic Component Holders and Enclosures and Methods Including the Same	13/052808	3/21/11	8687934	4/1/14
02316.4086USC1	TO-00380	US	Fiber Optic Component Holders and Enclosures and Methods Including Same	14/175586	2/7/14		
02316.4087.USP1	TO-00394	US	Hanger Assemblies and Cabling Management Systems and Methods Including the Same	61/430652	1/7/11		
02316.4087USU1	TO-00394	US	Hanger Assemblies and Cable Management Systems and Methods Including the Same	13/344949	1/6/12		
02316.4123US01	DC-01777	US	Connector Body for Making Crimp-Less Fiber Optic Cable Connections	13/837963	3/15/13		
02316.4145USU1		US	OPTICAL FIBER CONNECTOR FOR MULTI-FIBER CABLE	14/790,607	7/2/15		
02316.4158USU1		US	BLADED CHASSIS SYSTEMS	14/747,854	6/23/15		
02316.4161USU1		US	FIBER CABLE FAN-OUT ASSEMBLY AND METHOD	14/747,282	6/23/15		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.4162USU1		US	OPTICAL FERRULE FOR MULTI-FIBER CABLE AND HARDENED MULTI-FIBER OPTIC CONNECTOR THEREFORE	14/793,324	7/7/15		
02316.4217USU1		US	CODING SYSTEM FOR FACILITATING INSTALLING A FIBER OPTIC NETWORK	14/755,380	6/30/15		
02316.4219USU1		US	INDEXING TERMINALS FOR SUPPORTING A BIDIRECTIONAL INDEXING ARCHITECTURE	14/752,142	6/26/15		
02316.4223US01	TO-00286	US	Cable with Twisted Pairs of Insulated Conductors	12/688677	1/15/10		
02316.4237US01	NC016	US	Fiber Optic Splice Closure And Associated Methods - XAGA FOSC	08/049202	4/19/93	5479553	12/26/95
02316.4237USD1	NC016	US	Fiber Optic Splice Closure And Associated Methods	08/452750	5/30/95	5692299	12/2/97
02316.4238US01	MP1476	US	Oval Port Seal	08/097333	7/23/93	5426715	6/20/95
02316.4255US01	17968	US	NETWORK CONNECTION SENSING ASSEMBLY	10/289570	11/7/02	6626697	9/30/03
02316.4399USP2		US	TELECOMMUNICATIONS ENCLOSURE	62/196,119	7/23/15		
02316.4430USP1		US	SYSTEM FOR FIELD SWITCHING OF TELECOMMUNICATIONS SERVICES TO PROVIDE SERVICE UPGRADES OR OTHER SERVICE MODIFICATIONS	62/194,275	7/19/15		
02316.4431USP1		US	CABLE SPOOL RE-ORIENTATION DEVICE FOR A WALL BOX	62/196,014	7/23/15		
02316.4434USP1		US	BLADED CHASSIS SYSTEMS	62/198,456	7/29/15		
02316.5053USC1	NC072	US	Splitter Cabinet for Optical Fiber Network and Methods of Using Same	11/584068	10/20/06	7298952	11/20/07
02316-3849USC4	TO-00272	US	Electrical Connector with Separable Contacts	14/139354	12/23/13		
03216.3387USP1	NT-00381	US	Secure Jacket	61/660415	6/15/12		
100.0047/01		US	CELLULAR COMMUNICATION SYSTEM WITH CENTRALIZED BASE STATIONS AND DISTRIBUTED ANTENNA UNITS	08/204,660	3/2/94	5,627,879	5/6/97
100.0047/D1		US	CELLULAR COMMUNICATIONS SYSTEM HAVING PASSIVE HANDOFF	08/294,742	8/23/94	5,621,786	4/15/97

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0047 /D2		US	CELLULAR COMMUNICATIONS SYSTEM WITH CENTRALIZED BASE STATIONS AND DISTRIBUTED ANTENNA UNITS	08/298,652	8/31/94	5,642,405	6/24/97
100.0047 /D3		US	CELLULAR COMMUNICATION SYSTEM WITH SECTORIZATION	08/299,159	8/31/94	5,852,651	12/22/98
100.0047 /D3		US	CELLULAR COMMUNICATION SYSTEM WITH SECTORIZATION	09/747,273	12/22/00	RE40,564	11/4/08
100.0047 /D3		US	CELLULAR COMMUNICATION SYSTEM WITH SECTORIZATION	90/010,363	1/29/09		
100.0047 /D4		US	CELLULAR COMMUNICATIONS SYSTEM WITH CENTRALIZED BASE STATIONS AND DISTRIBUTED ANTENNA UNITS	14/494,121	9/23/14		
100.0047 /D4		US	CELLULAR COMMUNICATIONS SYSTEM WITH CENTRALIZED BASE STATIONS AND DISTRIBUTED ANTENNA UNITS	11/937,255	11/8/07	RE43,964	2/5/13
100.0047 /D4		US	CELLULAR COMMUNICATIONS SYSTEM WITH SECTORIZATION	13/725,866	12/21/12	RE45,321	1/6/15
100.0047 /D4		US	CELLULAR COMMUNICATIONS SYSTEM WITH CENTRALIZED BASE STATIONS AND DISTRIBUTED ANTENNA UNITS	08/409,738	3/23/95	5,644,622	7/1/97
100.0047 /D4		US	CELLULAR COMMUNICATIONS SYSTEM WITH CENTRALIZED BASE STATIONS AND DISTRIBUTED ANTENNA UNITS	11/937,255	11/8/07	RE43,964	2/5/13
100.0047 /D4		US	CELLULAR COMMUNICATIONS SYSTEM WITH SECTORIZATION	13/725,866	12/21/12	RE45,321	1/6/15
100.0047 /D5		US	CELLULAR COMMUNICATIONS SYSTEM WITH CENTRALIZED BASE STATIONS AND DISTRIBUTED ANTENNA UNITS	08/410,129	3/23/95	5,657,374	8/12/97
100.0047 /D6		US	CELLULAR COMMUNICATION SYSTEM WITH CENTRALIZED BASE STATIONS AND DISTRIBUTED ANTENNA UNITS	08/409,210	3/23/95		
100.0070 /02		US	HYBRID FIBERCOAX VIDEO AND TELEPHONY COMMUNICATION SYSTEM	08/710,754	9/24/96		
100.0070 /03		US	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	08/719,202	9/24/96		
100.0070 /06		US	Ingress Protection in a Communication System with Orthogonal Carriers	09/395,985	9/15/99		
100.0070 /07		US	COMMUNICATION CHANNEL MONITORING USING EQUILIZATION	09/396,328	9/15/99		
100.0070 /101		US	METHODS FOR MULTIFRAME ALIGNMENT	11/736,324	4/17/07		
100.0070 /103		US	SYSTEMS FOR CONTENTION-BASED BANDWIDTH REQUESTS IN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SYSTEMS	11/782,925	7/25/07		
100.0070 /105		US	FORWARD-LOOKING TONE ALLOCATION IN MULTIPOINT-TO-POINT COMMUNICATION USING ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING	11/777,126	7/12/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0070/107		US	SYSTEM AND METHOD FOR RANGING IN A MULTIPOINT-TO-POINT ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SYSTEM	11/925,587	10/26/07		
100.0070/109		US	SYSTEM AND METHOD FOR RANGING AND ROUND TRIP DELAY ADJUSTMENT IN A MULTI-POINT TO POINT OFDM SYSTEM	11/877,443	10/23/07		
100.0070/112		US	SYSTEM AND METHOD FOR ORDERWIRE MODULATION IN A MULTIPOINT-TO-POINT ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SYSTEM	11/925,832	10/27/07		
100.0070/113		US	SYSTEM AND METHOD FOR ORDERWIRE MODULATION IN A MULTI-POINT TO POINT OFDM SYSTEM	11/923,623	10/24/07		
100.0070/114		US	SYSTEM AND METHOD FOR MULTIFRAME ALIGNMENT IN A MULTIPOINT-TO-POINT ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SYSTEM	11/925,571	10/26/07		
100.0070/116		US	SYSTEM FOR MULTI-FRAME ALIGNMENT	11/876,721	10/22/07		
100.0070/117		US	SCANNING BY REMOTES IN MULTIPOINT-TO-POINT COMMUNICATION USING ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING	11/876,729	10/22/07		
100.0070/118		US	FOLLOW-UP SYNCHRONIZATION TO MAINTAIN SYNCHRONIZATION THROUGHOUT TRANSMISSION	11/876,737	10/22/07		
100.0070/119		US	SYSTEMS AND METHOD FOR ORTHOGONAL FREQUENCY DIVISIONAL MULTIPLEXING	11/927,379	10/29/07		
100.0070/12		US	Computer Data Transmission Over A Telecommunications Network	09/395,913	9/15/99		
100.0070/120		US	SYSTEMS AND METHOD FOR ORTHOGONAL FREQUENCY DIVISIONAL MULTIPLEXING	11/927,386	10/29/07		
100.0070/123		US	SYSTEMS AND METHOD FOR ORTHOGONAL FREQUENCY DIVISIONAL MULTIPLEXING	11/927,406	10/29/07		
100.0070/124		US	SYSTEMS AND METHOD FOR ORTHOGONAL FREQUENCY DIVISIONAL MULTIPLEXING	11/927,409	10/29/07		
100.0070/125		US	SYSTEMS AND METHOD FOR ORTHOGONAL FREQUENCY DIVISIONAL MULTIPLEXING	11/927,412	10/29/07		
100.0070/126		US	SYSTEMS AND METHOD FOR ORTHOGONAL FREQUENCY DIVISIONAL MULTIPLEXING	11/927,421	10/29/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0070/128		US	SYSTEMS AND METHOD FOR ORTHOGONAL FREQUENCY DIVISIONAL MULTIPLEXING	11/927,434	10/29/07		
100.0070/129		US	SYSTEMS AND METHOD FOR ORTHOGONAL FREQUENCY DIVISIONAL MULTIPLEXING	11/927,436	10/29/07		
100.0070/131		US	SYSTEMS AND METHOD FOR ORTHOGONAL FREQUENCY DIVISIONAL MULTIPLEXING	11/927,453	10/29/07		
100.0070/133		US	SYSTEMS AND METHOD FOR ORTHOGONAL FREQUENCY DIVISIONAL MULTIPLEXING	11/927,468	10/29/07		
100.0070/134		US	SYSTEMS AND METHOD FOR ORTHOGONAL FREQUENCY DIVISIONAL MULTIPLEXING	11/927,479	10/29/07		
100.0070/136		US	SYSTEMS AND METHOD FOR ORTHOGONAL FREQUENCY DIVISIONAL MULTIPLEXING	11/927,491	10/29/07		
100.0070/139		US	COARSE AND FINE SYNCHRONIZATION ADJUSTMENTS	11/929,243	10/29/07		
100.0070/142		US	SYSTEM FOR MULTIPLE USE SUBCHANNELS	12/272,529	11/17/08		
100.0070/16		US	Controlling Power Consumption in a Service Unit	09/397,374	9/16/99		
100.0070/17		US	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	09/397,186	9/16/99		
100.0070/18		US	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	09/397,371	9/16/99		
100.0070/29		US	COMPUTER DATA TRANSMISSION OVER A TELECOMMUNICATIONS NETWORK	10/044,472	1/11/02		
100.0070/30		US	COMPUTER DATA TRANSMISSION OVER A TELECOMMUNICATIONS NETWORK	10/043,753	1/11/02		
100.0070/33		US	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	10/043,858	1/11/02		
100.0070/34		US	ACQUISITION AND TRACKING IN COMMUNICATION SYSTEM WITH MULTLTICARRIER TELEPHONY TRANSPORT	10/128,472	4/23/02		
100.0070/39		US	DISTRIBUTED CONTROL IN SYNCHRONIZING REMOTE UNITES TO HOST UNIT	11/673,546	2/9/07		
100.0070/40		US	CONTENTION-BASED ACCESS TO TONES IN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) WAVEFORM	11/672,625	2/8/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0070/42		US	SYSTEM FOR VARIABLE FORWARD ERROR CORRECTION IN A MULTIPOINT TO POINT ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SYSTEM	11/746,823	5/10/07		
100.0070/44		US	REMOTE BAND SCANNING IN MULTIPOINT-TO-POINT ORTHOGONAL FREQUENCY DIVISION MULITIPLEXING COMMUNICATION	11/776,673	7/12/07		
100.0070/48		US	DISTRIBUTED CONTROL OF CARRIER FREQUENCY IN MULTIPOINT-TO-POINT ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING COMMUNICATION	11/674,103	2/12/07		
100.0070/49		US	DISTRIBUTED CONTROL OF POWER IN MULTIPOINT-TO-POINT ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING COMMUNICATION	11/674,483	2/13/07		
100.0070/50		US	SYSTEM FOR FOLLOW-UP SYNCHRONIZATION TO MAINTAIN SYNCHRONIZATION THROUGHOUT TRANSMISSION	11/734,064	4/11/07		
100.0070/55		US	SYSMBOL AIGNMENT IN MULTIPOINT-TO-POINT ORTHOGONAL-FREQUENCY DIVISION MULTIPLEXING COMMUNICATION	11/674,870	2/14/07		
100.0070/59		US	GUARD TONES IN A MULTI-POINT TO POINT ORTHOGINAL FREQUENCY DIVISION MULTIPLEXING SYSTEM	11/744,045	5/3/07		
100.0070/60		US	TONE HOPPING IN A MULTIPOINT-TO-POINT ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING COMMUNICATION SYSTEM	11/738,045	4/20/07		
100.0070/66		US	DISTRIGUTED CONTROL IN SYNCHRONIZING REMOTE UNITS TO HOST UNIT	11/674,100	2/12/07		
100.0070/67		US	METHOD FOR VARIABLE FORWARD ERROR CORRECTION IN A MULTI-POINT TO POINT ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SYSTEM	11/747,577	5/11/07		
100.0070/69		US	CONTENTION-BASED ACCESS TO TONES IN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) WAVEFORM	11/673,104	2/9/07		
100.0070/71		US	METHODS FOR CONTENTION-BASED BANDWIDTH REQUESTS IN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SYSTEMS	11/768,538	6/26/07		
100.0070/72		US	MULTIPOINT-TO-POINT COMMUNICATION USING ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING	11/672,299	2/7/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0070/74		US	METHOD FOR MULTIPLE USE SUBCHANNELS	11/780,307	7/19/07		
100.0070/75		US	DISTRIBUTED CONTROL OF CARRIER FREQUENCY IN MULTIPOINT-TO-POINT ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING COMMUNICATION	11/674,387	2/13/07		
100.0070/76		US	DISTRIBUTED CONTROL OF POWER IN MULTIPOINT-TO-POINT ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING COMMUNICATION	11/674,508	2/13/07		
100.0070/77		US	FOLLOW-UP SYNCHRONIZATION TO MAINTAIN SYNCHRONIZATION THROUGH TRANSMISSION	11/734,075	4/11/07		
100.0070/78		US	METHODS FOR MULTIFRAME ALIGNMENT	11/736,305	4/17/07		
100.0070/79		US	SYMBOL ALIGNMENT IN MULTIPOINT-TO-POINT ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING COMMUNICATION	11/674,919	2/14/07		
100.0070/82		US	MULTIPOINT-TO-POINT COMMUNICATION USING ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING	11/672,377	2/7/07		
100.0070/88		US	MULTIFRAME ALIGNMENT IN MULTIPOINT-TO-POINT COMMUNICATION USING ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING	11/734,686	4/12/07		
100.0070/92		US	ADAPTIVE MODULATION IN MULTIPOINT-TO-POINT COMMUNICATION USING OROTHOGONAL FREQUENCY DIVISION MULTIPLEXING	11/747,033	5/10/07		
100.0070/93		US	USE OF GUARD BANDS IN MULTIPOINT-TO-POINT ORTHGONAL FREQUENCY DIVISION MULTIPLEXING COMMUNICATION	11/746,987	5/10/07		
100.0070/94		US	CONTENTION-BASED ACCESS IN MULTIPOINT-TO-POINT COMMUNICATION USING ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING	11/768,493	6/26/07		
100.0070/95		US	DATA-SPECIFIC BANDWIDTH ALLOCATION IN MULTIPOINT-TO-POINT COMMUNICATION USING ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING	11/736,915	4/18/07		
100.0070/99		US	VARIABLE ERROR CORRECTION IN MULTIPOINT-TO-POINT COMMUNICATION USING ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING	11/749,305	5/16/07		
100.1240US01	NT-00388	US	Method of Capturing Information About a Rack and Equipment Installed Therein	13/939779	7/11/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1287 USPR	TO-00697	US	Single Line Passive Optical Network Converter Module	61/899057	11/1/13		
100.1288 USPR	TO-00698	US	Hybrid Fiber/Cu Distribution Point with External ONU-to-DSL Conversion Unit	61/899063	11/1/13		
100.1289 USPR	TO-00699	US	Enclosure with Integrated Individual ONU-to DSL Conversion Modules	61/899067	11/1/13		
100.1300 US01		US	DISTRIBUTED ANTENNA SYSTEM WITH ADAPTIVE ALLOCATION BETWEEN DIGITIZED RF DATA AND IP FORMATTED DATA	14/814,134	7/30/15		
100.1302 US01		US	DISTRIBUTED ANTENNA SYSTEM TO TRANSPORT FIRST CELLULAR RF BAND CONCURRENTLY WITH ETHERNET OR SECOND CELLULAR RF BAND	14/814,164	7/30/15		
100.1304 US01		US	BITRATE EFFICIENT TRANSPORT THROUGH DISTRIBUTED ANTENNA SYSTEMS	14/737,179	6/11/15		
1010.8126/02		US	METHOD FOR FACE MOUNTING OPTICAL COMPONENTS AND DEVICES USING SAME	10/655,735	9/5/03		
1010.8126/02		US	METHOD FOR FACE MOUNTING OPTICAL COMPONENTS AND DEVICES USING SAME	60/409,378	9/9/02		
1010.8126/P1		US	FIBER OPTIC TAP WITH COMPENSATED SPECTRAL FILTER	10/656,920	9/5/03		
1010.8126/P1		US	FIBER OPTIC TAP WITH COMPENSATED SPECTRAL FILTER	60/408,738	9/6/02		
1500-2	E-TO-00019	US	Flush Floor Service Hideaway Universal Box Assembly	11/063685	2/23/05	7045706	5/16/06
1500-28	E-TO-00091	US	Connector Receptacle Assembly	11/374401	3/13/06	7232337	6/19/07
20316.1989USWO	00-006	US	Z Form Insulation Displacement Contact (Electrical power outlet)	10/257,412	3/29/01	6702605	3/9/04
20958-00069CIP	E-TO-00008	US	Electrical Connector with Enhanced Jack Interface	11/707612	2/15/07	7404739	7/29/08
20958-0043	18013	US	CABLE JACKET WITH INTERNAL SPLINES	10/659156	9/10/03	7622680	11/24/09
20958-0115	E-TO-00039	US	Duplex Style Fiber Optic Connector Interface Assembly	11/213377	8/26/05	7325980	2/5/08
20958-117	E-TO-00115	US	Electrical Component Support Assembly	11/807124	5/25/07	7562850	7/21/09
20958-123	E-TO-00046	US	Jack Assembly for Reducing Crosstalk	11/938427	11/12/07	7563125	7/21/09
20958-126	E-TO-00135	US	Control Device for a Power Distribution System	12/028674	2/8/08	7544077	6/9/09
20958-130	E-TO-00159	US	Low-Profile Cable	11/972430	1/10/08	7534963	5/19/09
20958-146	E-TO-00154	US	Cable Management System	12/107897	4/23/08	8093499	1/10/12

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
20958-147	E-TO-00196	US	Electrical Connector with Improved Compensation	12/190920	8/13/08	7914345	3/29/11
20958-153	E-TO-00214	US	Expandable Power Distribution Unit	12/143335	6/20/08	7759575	7/20/10
20958-2130	18145: Wilnt	US					
20958-2134	18148	US	INTERFACE MODULE	10/844841	5/13/04	6994561	2/7/06
20958-2136	18150	US	Telecommunications Patch Panel with Angled Connector Modules	10/823937	4/14/04	7220145	5/22/07
20958-2140	18180	US	NON-ORTHOGONAL CABLE MANAGEMENT SYSTEM	10/823938	4/14/04	7070459	7/4/06
20958-63	18202	US	EXPANDED MODULAR CABLE MANAGEMENT FORMAT	10/993376	11/19/04	7123808	10/17/06
20958-69	E-TO-00008	US	Electrical Connector with Enhanced Jack Interface	11/119858	5/2/05	7195518	3/27/07
20958-78	E-TO-00036	US	Enhanced Jack with Plug Engaging Printed Circuit Board	11/181480	7/14/05	7285025	10/23/07
20958-91	E-TO-00051	US	Modular Plug Electrical Connector	11/454578	6/15/06		
2136.3918US01	E-TO-00223	US	Cassette for Use Within a Connectivity Management System	12/395049	2/27/09	7914324	3/29/11
2316.1006/01		US	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	09/228,343	1/11/99	6,468,112	10/22/02
2316.1006/01		US	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE (GLIDE)	10/242,115	9/11/02	6,964,588	11/15/05
2316.1006/01		US	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE (GLIDE)	11/246,803	10/7/05	7,220,150	5/22/07
2316.1006/01		US	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE (GLIDE)	11/784,500	4/5/07	7,381,100	6/3/08
2316.1006/01		US	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE (GLIDE)	12/150,756	4/29/08	7,766,701	8/3/10
2316.1006/01		US	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE (GLIDE)	12/803,623	6/29/10	8,216,004	7/10/12
2316.1006/I1		US	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE (GLIDE)	10/188,348	7/1/02	6,918,796	7/19/05
2316.1007/01		US	CONNECTOR INCLUDING REDUCED CROSSTALK SPRING INSERT	09/231,736	1/15/99	6,334,792	1/1/02
2316.1007/01		US	CONNECTOR INCLUDING REDUCED CROSSTALK SPRING INSERT	10/023,051	12/17/01	6,629,862	10/7/03
2316.1007/01		US	CONNECTOR INCLUDING REDUCED CROSSTALK SPRING INSERT	11/067,617	2/25/05	RE40,575	11/18/08
2316.1007/01		US	CONNECTOR INCLUDING REDUCED CROSSTALK SPRING INSERT	11/784,781	4/9/07		
2316.1007/I1		US	TELECOMMUNICATIONS JACK ASSEMBLY	09/327,053	6/7/99	6,234,836	5/22/01

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1007/I1		US	CONNECTOR INCLUDING REDUCED CROSSTALK SPRING INSERT	09/828,575	4/4/01	6,524,131	2/25/03
2316.1007/I1		US	CONNECTOR INCLUDING REDUCED CROSSTALK SPRING INSERT	11/067,619	2/25/05	RE40,682	3/24/09
2316.1011/01		US	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	09/259,860	3/1/99		
2316.1011/I1		US	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	09/325,584	6/3/99		
2316.1011/I2		US	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	09/412,674	10/5/99	6,424,781	7/23/02
2316.1011/I3		US	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	09/563,210	5/2/00	6,535,682	3/18/03
2316.1011/I4		US	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	09/577,779	5/24/00	6,556,763	4/29/03
2316.1011/I5		US	OPTICAL FIBER DISTRIBUTION FRAME WITH OUTSIDE PLANT ENCLOSURE	14/173,025	2/5/14		
2316.1011/I5		US	OPTICAL FIBER DISTRIBUTION FRAME WITH OUTSIDE PLANT ENCLOSURE	09/716,627	11/20/00	6,760,531	7/6/04
2316.1011/I5		US	OPTICAL FIBER DISTRIBUTION FRAME WITH OUTSIDE PLANT ENCLOSURE	10/759,680	1/19/04	7,149,398	12/12/06
2316.1011/I5		US	OPTICAL FIBER DISTRIBUTION FRAME WITH OUTSIDE PLANT ENCLOSURE	10/942,734	9/15/04	7,139,461	11/21/06
2316.1011/I5		US	OPTICAL FIBER DISTRIBUTION FRAME WITH OUTSIDE PLANT ENCLOSURE	11/401,680	4/10/06	7,333,707	2/19/08
2316.1011/I5		US	OPTICAL FIBER DISTRIBUTION FRAME WITH OUTSIDE PLANT ENCLOSURE	12/070,541	2/19/08	7,805,043	9/28/10
2316.1011/I5		US	OPTICAL FIBER DISTRIBUTION FRAME WITH OUTSIDE PLANT ENCLOSURE	12/806,239	8/5/10	8,019,192	9/13/11
2316.1011/I5		US	OPTICAL FIBER DISTRIBUTION FRAME WITH OUTSIDE PLANT ENCLOSURE	13/198,218	8/4/11	8,768,134	7/1/14
2316.1066/01		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	09/490,379	1/24/00	6,438,310	8/20/02
2316.1066/I1		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	13/306,226	11/29/11	8,655,136	2/18/14
2316.1066/I1		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	14/152,075	1/10/14		
2316.1066/I1		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	09/649,398	8/28/00	6,504,988	1/7/03
2316.1066/I1		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	10/306,816	11/26/02	6,968,111	11/22/05
2316.1066/I1		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	10/894,898	7/20/04	7,120,348	10/10/06
2316.1066/I1		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	11/492,304	7/25/06	7,302,154	11/27/07
2316.1066/I1		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	11/891,638	8/10/07	7,463,811	12/9/08
2316.1066/I1		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	12/291,351	11/6/08	7,664,361	2/16/10
2316.1066/I1		US	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	12/655,473	12/29/09	8,078,030	12/13/11
2316.1259/01		US	HINGE CLIP AND COVER FOR TELECOMMUNICATIONS EQUIPMENT	09/764,479	1/17/01	6,594,857	7/22/03

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1259/I1		US	HINGE CLIP AND COVER FOR TELECOMMUNICATIONS EQUIPMENT	10/209,953	7/31/02	6,708,368	3/23/04
2316.1403/01		US	CABLE CLIP WITH SEGREGATOR AND METHOD	09/811,368	3/16/01	6,768,858	7/27/04
2316.1403/I1		US	CABLE CLIP (Edge Protector Cable Clip with Trumpet Flare)	10/233,018	8/30/02	6,771,871	8/3/04
2316.1403/I1		US	CABLE CLIP WITH MOVABLE GATE	10/761,078	1/20/04	6,947,654	9/20/05
2316.1403/I1		US	CABLE CLIP (Edge Protector Cable Clip with Trumpet Flare)	11/228,093	9/16/05	7,097,473	8/29/06
2316.1403/I1		US	Cable clip and cable riser integrating a cable clip	11/490,845	7/21/06	7,346,252	3/18/08
2316.1405/01		US	CABLE ROUTING CLIP	09/810,935	3/16/01	6,539,161	3/25/03
2316.1405/I1		US	CABLE CLIP	10/232,943	8/30/02	6,665,484	12/16/03
2316.1405/I1		US	CABLE ROUTING CLIP WITH MOVABLE GATE	10/738,615	12/15/03	6,892,020	5/10/05
2316.1411/01		US	TELECOMMUNICATIONS CHASSIS AND CARD WITH FLAME SPREAD CONTAINMENT	09/795,656	2/28/01	6,637,845	10/28/03
2316.1411/01		US	TELECOMMUNICATIONS CHASSIS AND CARD WITH FLAME SPREAD CONTAINMENT- (T1 High Density IOR & BOR)	10/636,365	8/7/03	6,940,730	9/6/05
2316.1411/01		US	TELECOMMUNICATIONS CHASSIS AND CARD (T1 High Density IOR & BOR)	11/171,081	6/28/05	7,324,348	1/29/08
2316.1411/01		US	Telecommunications chassis having a repeater card - (T1 High Density IOR & BOR)	12/013,492	1/14/08	7,639,510	12/29/09
2316.1411/I1		US	TELECOMMUNICATIONS CHASSIS AND CARD	09/825,163	4/3/01	6,590,782	7/8/03
2316.1411/I2		US	TELECOMMUNICATIONS CHASSIS AND CARD	09/860,653	5/18/01	6,707,686	3/16/04
2316.1527/01		US	TIME CODE SIGNAL PROCESSING CIRCUIT FOR REMOVING AND RESTORING VARIATION IN SLEW RATE	08/187,097	1/24/94		
2316.1602/01		US	COUPLER FOR CABLE TROUGH (Snap Fit Junction)	13/481,362	5/25/12	8,444,095	5/21/13
2316.1602/01		US	COUPLER FOR CABLE TROUGH	09/991,382	11/16/01	6,709,186	3/23/04
2316.1602/01		US	COUPLER FOR CABLE TROUGH (Snap Fit Junction)	10/772,950	2/4/04	7,175,137	2/13/07
2316.1602/01		US	COUPLER FOR CABLE TROUGH (Snap Fit Junction)	11/619,636	1/4/07	7,360,743	4/22/08
2316.1602/01		US	COUPLER FOR CABLE TROUGH (Snap Fit Junction)	12/039,933	2/29/08	8,186,633	5/29/12
2316.1662/01		US	EMI SHIELDED MODULE	10/094,513	3/7/02		
2316.1687/01		US	COUPLER FOR CABLE TROUGH	13/736,206	1/8/13		
2316.1687/01		US	COUPLER FOR CABLE TROUGH	10/107,547	3/27/02	7,093,997	8/22/06

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1687/01		US	COUPLER FOR CABLE TROUGH	11/382,341	5/9/06	8,365,384	2/5/13
2316.1687/01		US	COUPLER FOR CABLE TROUGH	14/791,589	7/6/15		
2316.1687/I1		US	COUPLER FOR CABLE TROUGH	10/330,590	12/27/02	6,715,719	4/6/04
2316.1687/I1		US	COUPLER FOR CABLE TROUGH	10/777,669	2/12/04	7,029,195	4/18/06
2316.1687/I1		US	COUPLER FOR CABLE TROUGH	11/276,243	2/20/06	7,614,817	11/10/09
2316.1797/U1		US	SYSTEM AND METHOD FOR PROCESSING FIBER OPTIC CONNECTORS	10/889,984	7/12/04	7,209,629	4/24/07
2316.1797/U1		US	SYSTEM AND METHOD FOR PROCESSING FIBER OPTIC CONNECTORS	60/579,755	6/14/04		
2316.1797/U2		US	FIXTURE FOR SYSTEM FOR PROCESSING FIBER OPTIC CONNECTORS	10/890,528	7/12/04	7,068,906	6/27/06
2316.1797/U3		US	DRIVE FOR SYSTEM FOR PROCESSING FIBER OPTIC CONNECTORS	10/890,527	7/12/04	7,352,938	4/1/08
2316.1797/U3		US	DRIVE FOR SYSTEM FOR PROCESSING FIBER OPTIC CONNECTORS	12/060,438	4/1/08	7,822,309	10/26/10
2316.1834/01		US	PATCH PANEL WITH MODULES	10/814,107	3/31/04	7,362,590	4/22/08
2316.1834/I1		US	PATCH PANEL WITH MODULES	10/871,698	6/18/04	7,200,929	4/10/07
2316.1834/I1		US	PATCH PANEL WITH MODULES	11/725,060	3/15/07	7,978,480	7/12/11
2316.1838/P1		US	FIBER ACCESS TERMINAL	11/075,847	3/8/05	7,292,763	11/6/07
2316.1838/P1		US	FIBER ACCESS TERMINAL	11/708,119	2/15/07	7,397,997	7/8/08
2316.1838/P1		US	FIBER ACCESS TERMINAL	12/145,951	6/25/08	7,480,437	1/20/09
2316.1838/P1		US	FIBER ACCESS TERMINAL	12/151,721	5/7/08	RE43,762	10/23/12
2316.1838/P1		US	FIBER ACCESS TERMINAL	60/551,164	3/8/04		
2316.1838/P2		US	FIBER ACCESS TERMINAL	12/028,465	2/8/08	7,400,815	7/15/08
2316.1838/P2		US	FIBER ACCESS TERMINAL	12/130,337	5/30/08	7,539,387	5/26/09
2316.1838/P2		US	FIBER ACCESS TERMINAL	12/145,974	6/25/08	7,539,388	5/26/09
2316.1838/P2		US	FIBER ACCESS TERMINAL	12/470,014	5/21/09	7,941,027	5/10/11
2316.1838/P2		US	FIBER ACCESS TERMINAL	13/104,789	5/20/11	8,363,999	1/29/13
2316.1838/P2		US	FIBER ACCESS TERMINAL	60/600,129	8/9/04		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1890/01		US	METHODS AND SYSTEMS FOR POSITIONING CONNECTORS TO MINIMIZE ALIEN CROSSTALK	10/783,854	2/20/04		
2316.1890/01		US	METHODS AND SYSTEMS FOR POSITIONING CONNECTORS TO MINIMIZE ALIEN CROSSTALK	12/009,635	1/18/08	7,722,390	5/25/10
2316.1890/I1		US	METHODS AND SYSTEMS FOR POSITIONING CONNECTORS TO MINIMIZE ALIEN CROSSTALK	11/051,264	2/4/05	7,311,550	12/25/07
2316.1890/I1		US	METHODS AND SYSTEMS FOR POSITIONING CONNECTORS TO MINIMIZE ALIEN CROSSTALK	12/004,086	12/18/07	7,731,525	6/8/10
2316.1890/I1		US	METHODS AND SYSTEMS FOR POSITIONING CONNECTORS TO MINIMIZE ALIEN CROSSTALK	12/794,203	6/4/10	7,997,926	8/16/11
2316.1904/01		US	CROSS-CONNECT SYSTEM	08/111,770	8/25/93	5,456,608	10/10/95
2316.1904/I1		US	Cross-connect method and apparatus	08/408,831	3/20/95	6,031,349	2/29/00
2316.1904/I1		US	Cross-connect method and apparatus	09/328,440	6/9/99	6,265,842	7/24/01
2316.1904/I1		US	Cross-connect method and apparatus	09/854,576	5/15/01		
2316.1904/I2		US	Method and apparatus for a cross-connect system with automatic facility information transference to a remote location	08/591,817	1/25/96	5,812,934	9/22/98
2316.1904/I2		US	Method and apparatus for a cross-connect system with automatic facility information transference to a remote location	09/153,899	9/16/98	6,253,071	6/26/01
2316.1910/01		US	Communication wire	10/253,212	9/24/02		
2316.1910/C1		US	Communication wire	10/790,583	3/1/04	7,238,886	7/3/07
2316.1910/C1		US	Communication wire	11/094,860	3/31/05	7,049,519	5/23/06
2316.1910/I1		US	Communication wire	10/321,296	12/16/02	6,743,983	6/1/04
2316.1910/I2		US	Communication wire	13/222,438	8/31/11	8,624,116	1/7/14
2316.1910/I2		US	Communication wire	13/222,394	8/31/11	8,525,030	9/3/13
2316.1910/I2		US	Communication wire	10/389,254	3/14/03	7,214,880	5/8/07
2316.1910/I2		US	Communication wire	11/095,280	3/31/05	7,511,221	3/31/09
2316.1910/I2		US	Communication wire	11/800,038	5/3/07	7,560,648	7/14/09
2316.1910/I2		US	Communication wire	12/154,284	5/20/08	7,759,578	7/20/10
2316.1910/I2		US	Communication wire	12/562,752	9/18/09	8,237,054	8/7/12

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1910/I2		US	Communication wire	13/222,476	8/31/11		
2316.1910/WO		US	Communication wire	14/177,843	2/11/14		
2316.1910/WO		US	Communication wire	10/529,067	3/24/05	7,511,225	3/31/09
2316.1910/WO		US	Communication wire	12/413,129	3/27/09	8,664,531	3/4/14
2316.2275/P1		US	FIBER OPTIC CABLE BREAKOUT SYSTEM, PACKAGING ARRANGEMENT, AND METHOD OF INSTALLATION	11/490,644	7/21/06	7,418,177	8/26/08
2316.2275/P1		US	FIBER OPTIC CABLE BREAKOUT SYSTEM, PACKAGING ARRANGEMENT, AND METHOD OF INSTALLATION	12/198,639	8/26/08		
2316.2275/P1		US	FIBER OPTIC CABLE BREAKOUT SYSTEM, PACKAGING ARRANGEMENT, AND METHOD OF INSTALLATION	60/735,490	11/10/05		
2316.2275/P2		US	FIBER OPTIC CABLE BREAKOUT SYSTEM, PACKAGING ARRANGEMENT, AND METHOD OF INSTALLATION	60/751,316	12/16/05		
2316.2295/01		US	Systems and methods for managing optical fibers and components within an enclosure in an optical communications network	10/714,814	11/17/03	6,983,095	1/3/06
2316.2295/C1		US	CONFIGURING PIGTAILS IN A FIBER DISTRIBUTION HUB	11/155,818	6/20/05	7,088,899	8/8/06
2316.2295/C1		US	OPTICAL SPLITTER MODULE	11/225,010	9/14/05	7,103,255	9/5/06
2316.2295/C1		US	SYSTEMS AND METHODS FOR FIBER DISTRIBUTION HUB ADMINISTRATION	11/225,011	12/14/05	7,146,089	12/5/06
2316.2295/C1		US	OPTICAL COMMUNICATION SIGNAL DISTRIBUTION ENCLOSURE	11/225,099	9/14/05	7,171,102	1/30/07
2316.2295/C1		US	FIBER DISTRIBUTION HUB WITH HALF-LOOP PIGTAIL STORAGE	11/699,716	1/29/07	7,646,958	1/12/10
2316.2295/C1		US	FIBER DISTRIBUTION HUB WITH PIGTAIL ROUTING	12/685,478	1/11/10	8,005,335	8/23/11
2316.2295/C1		US	Installing splitter module, storage receptacles and pigtails while pigtail connectors left in the storage receptacles	13/179,129	7/8/11	8,224,145	7/17/12
2316.2295/I1		US	SYSTEMS AND METHODS FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT	10/991,135	11/17/04	7,200,317	4/3/07
2316.2298/U1		US	FIBER DROP TERMINAL	11/198,848	8/8/05	7,489,849	2/10/09
2316.2298/U1		US	FIBER DROP TERMINAL	12/035,674	2/22/08	7,627,222	12/1/09
2316.2298/U1		US	FIBER DROP TERMINAL	60/624,582	11/3/04		
2316.2298/U2		US	FIBER DROP TERMINAL	13/335,469	12/22/11		
2316.2298/U2		US	FIBER DROP TERMINAL	13/734,395	1/4/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2298/U2		US	METHODS FOR CONFIGURING AND TESTING FIBER DROP TERMINALS	11/198,153	8/8/05	7,680,388	3/16/10
2316.2298/U2		US	FIBER DROP TERMINAL	12/370,340	6/5/07	7,805,044	9/28/10
2316.2298/U2		US	FIBER DROP TERMINAL	12/841,879	7/22/10		
2316.2298/U2		US	FIBER DROP TERMINAL	12/880,834	9/13/10		
2316.2299/P1		US	Fiber breakout with radio frequency identification device	11/406,826	4/19/06	7,349,605	3/25/08
2316.2299/P1		US	FIBER BREAKOUT WITH INTEGRAL CONNECTOR	12/053,132	3/21/08		
2316.2299/P1		US	FACTORY INTEGRATED TERMINATIONS FOR FIBER OPTIC CABLES (aka FITS	60/672,534	4/19/05		
2316.2299/P2		US	LOOPBACK PLUG AND METHOD	13/771,376	2/20/13		
2316.2299/P2		US	LOOP BACK PLUG AND METHOD	11/406,825	4/19/06	7,565,055	7/21/09
2316.2299/P2		US	LOOPBACK PLUG AND METHOD	12/505,862	7/20/09	8,041,178	10/18/11
2316.2299/P2		US	PLC LOOP BACK				
2316.2299/P2		US	LOOPBACK PLUG AND METHOD	13/247,671	9/28/11		
2316.2299/P2		US	LOOPBACK PLUG AND METHOD	60/764,133	2/1/06		
2316.2309/I1		US	COMPACT BLIND MATEABLE OPTICAL SPLITTER	11/298,993	12/12/05		
2316.2309/P1		US	INTEGRATED OPTICAL SPLITTER SYSTEM	10/265,186	10/4/02	7,006,737	2/28/06
2316.2309/P1		US	INTEGRATED OPTICAL SPLITTER SYSTEM	11/365,762	3/1/06	7,428,357	9/23/08
2316.2309/P1		US	INTEGRATED OPTICAL SPLITTER SYSTEM	12/284,716	9/23/08	8,295,664	10/23/12
2316.2309/P1		US	INTEGRATED OPTICAL SPLITTER SYSTEM	60/327,533	10/5/01		
2316.2316/P1		US	FIBER OPTIC CABLE BREAKOUT CONFIGURATION	60/781,280	3/9/06		
2316.2316/U1		US	FIBER OPTIC CABLE BREAKOUT CONFIGURATION WITH RETENTION BLOCK	11/491,336	7/21/06	7,317,863	1/8/08
2316.2316/U1		US	FIBER OPTIC CABLE BREAKOUT CONFIGURATION WITH RETENTION BLOCK	12/008,092	1/7/08	7,630,606	12/8/09
2316.2316/U1		US	FIBER OPTIC CABLE BREAKOUT CONFIGURATION WITH RETENTION BLOCK	12/612,182	11/4/09		
2316.2316/U2		US	FIBER OPTIC CABLE BREAKOUT CONFIGURATION WITH EXCESS FIBER LENGTH	11/491,340	7/21/06	7,422,378	9/9/08
2316.2316/U2		US	FIBER OPTIC CABLE BREAKOUT CONFIGURATION WITH EXCESS FIBER LENGTH	12/207,031	9/9/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2316/U3		US	FIBER OPTIC CABLE BREAKOUT CONFIGURATION WITH "Y" BLOCK	11/491,008	7/21/06	7,251,411	7/31/07
2316.2336/01		US	FIBER DISTRIBUTION HUB WITH SWING FRAME AND MODULAR TERMINATION PANELS	11/354,286	2/13/06	7,720,343	5/18/10
2316.2336/01		US	FIBER DISTRIBUTION HUB WITH SWING FRAME AND MODULAR TERMINATION PANELS	12/781,577	5/17/10	8,121,458	2/21/12
2316.2336/01		US	FIBER DISTRIBUTION HUB WITH SWING FRAME AND MODULAR TERMINATION PANELS	13/400,465	2/20/12		
2316.2336/P1		US	FIBER DISTRIBUTION HUB WITH OUTSIDE ACCESSIBLE GROUNDING TERMINALS	13/610,403	9/11/12	8,569,618	10/29/13
2316.2336/P1		US	FIBER DISTRIBUTION HUB WITH OUTSIDE ACCESSIBLE GROUNDING TERMINALS	14/064,756	10/28/13		
2316.2336/P1		US	FIBER DISTRIBUTION HUB WITH OUTSIDE ACCESSIBLE GROUNDING TERMINALS	11/544,951	10/6/06	7,816,602	10/19/10
2316.2336/P1		US	FIBER DISTRIBUTION HUB WITH OUTSIDE ACCESSIBLE GROUNDING TERMINALS	12/900,129	10/7/10	8,263,861	9/11/12
2316.2336/P1		US	FIBER DISTRIBUTION HUB WITH OUTSIDE ACCESSIBLE GROUNDING TERMINALS	60/783,818	3/17/06		
2316.2358/U1		US	Telecommunications device having distribution units arranged in block configuration	11/503,667	8/14/06		
2316.2358/U1		US	DISTRIBUTION BLOCK FOR TELECOMMUNICATIONS APPLICATIONS	60/780,519	3/7/06		
2316.2358/U2		US	Telecommunication distribution device with multi-circuit board arrangement	11/503,849	8/14/06	8,437,344	5/7/13
2316.2358/U3		US	Control method for a telecommunication distribution system	11/503,653	8/14/06		
2316.2358/U4		US	Telecommunications distribution system with line sharing	11/503,861	8/14/06		
2316.2467/01		US	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	11/606,793	11/29/06	7,481,585	1/27/09
2316.2467/01		US	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	12/359,003	1/23/09	8,113,722	2/14/12
2316.2467/I1		US	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	11/787,197	4/13/07	7,490,994	2/17/09
2316.2467/I1		US	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	12/359,061	1/23/09	8,113,720	2/14/12
2316.2584/P1		US	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL				
2316.2584/P1		US	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	12/113,786	5/1/08	7,715,679	5/11/10
2316.2584/P1		US	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	12/715,855	3/2/10	8,131,126	3/6/12

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2584/P1		US	REVIEW OF OPTICAL DISTRIBUTION PANEL WITH FIBER STORAGE WHEEL AND FLIP PLATE (INVESTIGATION OF FDB-G-12E ODP)				
2316.2584/P1		US	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	60/916,495	5/7/07		
2316.2584/P2		US	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL				
2316.2584/P2		US	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	12/182,705	7/30/08	7,756,379	7/13/10
2316.2584/P2		US	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	12/793,556	6/3/10	7,894,701	2/22/11
2316.2584/P2		US	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	13/032,337	2/22/11	8,189,984	5/29/12
2316.2584/P2		US	DISPENSING CABLE FROM AN INTERNAL CABLE SPOOL OF A FIBER OPTIC ENCLOSURE	13/479,015	5/23/12	8,494,333	7/23/13
2316.2584/P2		US	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	13/924,191	6/21/13	8,705,929	4/22/14
2316.2584/P2		US	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	14/132,691	12/18/13	8,891,931	11/18/14
2316.2584/P2		US	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	14/539,459	11/12/14		
2316.2584/P2		US	METHOD OF PAYING OUT FIBER OPTIC CABLE FROM A FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL				
2316.2584/P2		US	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	60/954,210	8/6/07		
2316.2584/P3		US	Fiber Optic Enclosure with Internal Cable Spool	60/954,214	8/6/07		
2316.2584/P4		US	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	12/199,923	8/28/08	7,869,682	1/11/11
2316.2584/P4		US	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	12/973,154	12/20/10	8,229,267	7/24/12
2316.2584/P4		US	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	13/348,133	1/11/12	8,380,035	2/19/13
2316.2584/P4		US	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	13/554,607	7/20/12	8,494,334	7/23/13
2316.2584/P4		US	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	13/743,967	1/17/13		
2316.2584/P4		US	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	13/924,177	6/21/13	8,774,588	7/8/14
2316.2584/P4		US	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	14/314,845	6/25/14		
2316.2584/P4		US	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	14/703,446	5/4/15		
2316.2584/P4		US	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	60/970,185	9/5/07		
2316.2584/P5		US	Fiber Optic Enclosure with Internal Cable Spool	61/029,248	2/15/08		
2316.2584/P6		US	Fiber Optic Enclosure with Internal Cable Spool and Strain Relief	61/037,223	3/17/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3463USU1	NT-00386	US	Telecommunication Jack with Contacts of Multiple Materials	14/186685	2/21/14	9083096	7/14/15
2316.3542USU1	NT-00391	US		14/186873	2/21/14		
2316.3706/P1		US	SLIM BLADE	61/960,662	9/23/13		
2316-3339USP1	NT-00368	US		61/545433	10/10/11		
5487-100	NC061	US	Remotely Operable Telecommunications Conductor Test Circuit And Method For Using The Same	09/690210	10/17/00	6614881	9/2/03
5487-136	NC066	US	Sealant-Filled Connector Assemblies for Use with Connector Plugs and Methods for Forming the Same	10/127354	4/22/02	6848949	2/1/05
5487-139	NC071	US	Toggle Type Telecommunications Terminal Blocks	10/426892	4/30/03	6893280	5/17/05
5487-145	NC072	US	Optical Fiber Interconnect Cabinets, Terminal Modules and Fiber Connectivity Management for the Same	10/799328	3/12/04	7142764	11/28/06
5487-149	NC074	US	Toggle Type Telecommunications Terminal Blocks Including a Travel Limit Member	10/701360	11/4/03	6811430	11/2/04
5487-222	E-TO-00025	US	Gel-Filled Telephone Jack	10/142716	5/9/02		
5487-223	E-TO-00026	US	Gel-Filled Telephone Jack	10/696485	10/29/03	6971897	12/6/05
5487-228	E-TO-00043	US	Sealing Assemblies and Methods for Sealing an Elongate Member	11/119998	5/2/05		
5487-230	E-TO-00057	US	Optical Network Architecture, Terminals for Use in Such Networks and Methods of Using the Same	11/254899	10/20/05	7444056	10/28/08
5487-230PR	E-TO-00057	US	Optical Network Architecture, Terminals for Use in such Networks and Methods for Using the Same	60/685975	5/31/05		
5487-239	E-TO-00034	US	Optical Fiber Termination Apparatus, Entry Sealing Members and Methods for Using the Same	11/314871	12/21/05	7469091	12/23/08
5487-249PR	E-TO-00108	US	Coiling Methods, Packagings, and Uncoiling Methods for Stiff Cable	60/790407	4/7/06		
5487-250PR	E-TO-00111	US	Flat Drop Strain Relief and Sealing System	60/800757	5/16/06		
5487-251PR	E-TO-00112	US	Coiling Method, Packaging, Dispenser and Uncoiling Method for Indoor Fiber Drop Cable	60/800756	5/16/06		
5487-251PR2	E-TO-00114	US		60/802563	5/22/06		
5487-263PR	E-TO-00169	US	VDSL Insertion Connectivity Systems and Methods for Using the Same	60/975310	9/26/07		
5487-267	E-TO-00176	US	Fiber Optic Cable Control Clips and Enclosure Assemblies and Methods Incorporating the Same	12/198289	8/26/08	7738761	6/15/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
5487-267CT	E-TO-00176	US	Fiber Optic Cable Control Clips and Enclosure Assemblies and Methods Incorporating the Same	12/703622	2/10/10	7953311	5/31/11
5487-267CT	E-TO-00176	US	Fiber Optic Cable Control Clips and Enclosure Assemblies and Methods Incorporating the Same	13/090492	4/20/11	8135258	3/13/12
5487-267PR	E-TO-00176	US	Tapp-Off Closure Systems and Methods for Using the Same	60/966302	8/27/07		
5487-267PR2	E-TO-00176	US	Tap-Off Closure Systems and methods for Using the Same	61/005174	12/3/07		
5487-267PR3	E-TO-00176	US	Tap-Off Closure Systems and Methods for Using the Same	61/054628	5/20/08		
5487-268	E-TO-00189	US	Interconnect Cabinets for Optical Fibers Including Cross-Connect Modules and Methods for Using the Same	11/985846	11/16/07	7406242	7/29/08
5487-272PR	E-TO-00201	US	Integrated Telecommunications Interface	61/019923	1/9/08		
5487-273PR	E-TO-00209	US	In-Cable Ribbon Splitting Method Using Catheter Tube	61/021416	1/16/08		
5487-292PR	TO-00269	US	Fiber Wrapping Device and Methods of Using the Same	61/122018	12/12/08		
5487-295	E-TO-00176	US	Tap-off Closure Systems and Methods for Using the Same	12/468551	5/19/09	8005333	8/23/11
5487-300PR	TO-00312	US	Cutter for Accessing a Fiber Within a Fiber Optic Central Core Tube to Splice Thereto and Methods for Using the Same	61/187922	6/17/09		
5487-31	NC036	US	Telephone Subscriber Line Module	08/938591	9/26/97	6028928	2/22/00
5487-319	TO-00420	US	Cable Strain Relief Clamping Devices and Methods for Using the Same				
5487-31DV	NC036	US	Telephone Subscriber Line Module	09/421080	10/19/99	6560334	5/6/03
5487-63	NC040	US	Insulation Enhancement Covers For Electrical Power Lines	09/152011	9/11/98		
5487-68	NC049	US	Sealant-Filled Electrical Connector And Method For Forming T he Same	09/343319	6/30/99	6224419	5/1/01
5487-68DV	NC049	US	Sealant-Filled Electrical Connector And Method For Forming The Same	09/840744	4/23/01	6475029	11/5/02
5487-70	NC041	US	Line Protector For A Communication Circuit	09/345060	6/30/99	6266223	7/24/01
5487-81	NC056	US	Terminal Blocks And Methods For Making And Breaking Connections In A Telecommunications Conductor	09/626168	7/27/00	7110534	9/19/06
958-118	E-TO-00151	US	Cable Support Bracket for an Electrical Component	11/811191	6/7/07	8018725	9/13/11
958-119	E-TO-00153	US	Adjustable Cable Support Bracket for an Electrical Component	11/811179	6/7/07	7687716	3/30/10
958-121	E-TO-00139	US	Electrical Connector with Offset Latch	12/605778	10/26/09	8062053	11/22/11
958-1575	TO-00276	US	Cable with Twisted Pairs of Insulated Conductors and Filler Elements	12/850217	8/4/10	8546693	10/1/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
958-1577	NT-00325	US	Faceplate Assembly for Wall Mounting a Phone	12/767322	4/26/10	8538010	9/17/13
958-1580	NT-00327	US	Electrical Connector with Slim-Line Cap	12/838556	7/19/10	8057249	11/15/11
958-1584	NT-00345	US	Electrical Connector with Contact Spacing Member	13/032447	2/22/11	8425261	4/23/13
958-188	E-TO-00204	US	Electrical Connector Assembly with Two Cable Loading Stop Elements	12/569362	9/29/09	7892018	2/22/11
958-200	CO-00049	US	Connectivity Sensing Assembly	12/762813	4/19/10	8152560	4/10/12
958-201	CO-00053	US	Plug Assembly for a Connectivity Management System	12/762885	4/19/10	8142221	3/27/12
P12.435 US	10-002	US	Holder for at least one cassette	13/576,584	11/2/10		
P12.482 US/10-008US	10-008	US	Connecting box for glass fiber cables	13/582968	1/10/11		
P24230	17584	US	CONNECTOR AND RECEPTACLE WITH SECURITY FEATURE	60/218705	7/17/00		
P24230-E USA	17584	US	Connector and Receptacle Containing a Physical Security Feature	11/254356	10/20/05	7325976	2/5/08
P31729 USA	E-CC-00342	US	Wall-Mounted Network Outlet	11/461648	8/3/06	7612653	11/3/09
T6065-US	TO-00414	US	Method for Mechanically Connecting Optical Fibers having Heat Treated End Faces, and Optical Connector Therefore Member	61/443933	2/17/11		
T6134-US	TO-00404	US	Optical Fiber Element Comprising a Self Healing Member	61/443921	2/17/11		
T6302-US	TO-00414	US	Method for Mechanically Connecting Optical Fibers Having Heat Treated End Faces, and Optical Connector Therefore	61/544880	10/7/11		
t6606-US	TO-00402	US	Portable Device for Attaching a Connector to an Optical Fiber	61/443942	2/17/11		
TWC0006	NC059	US	Fiber Low Profile Network Interface Device	09/704098	11/1/00	6661961	12/9/03
TWC0046	18138	US	SEALED ELECTRICAL CONNECTOR HAVING INTERNAL LATCHING MECHANISM THEREFORE	11/070815	3/2/05	7074066	7/11/06
TWC0046	18138	US	SEALED ELECTRICAL CONNECTOR HAVING INTERNAL LATCHING MECHANSIM THEREFORE	60/557214	3/29/04		
TY-00317		US	HANDS-FREE ASSET IDENTIFICATION, LOCATION AND MANAGEMENT SYSTEM	61/989,938	5/7/14		
16163		US	DIMMER SWITCH WITH AIR GAP SWITCH CONTACTS	8/526122	9/8/95	5608196	3/4/97
17165		US	DISTRIBUTION DEVICE FOR WIRING	9/004158	1/7/98	6132242	10/17/00
17247		US	LAN DISTRIBUTION MODULE	9/059583	4/14/98	6074247	6/13/00
15925		US	LOW PROFILE MIXED MEDIA INFORMATION OUTLET	8/395393	2/21/95	5645449	7/8/97

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
15926		US	OVERMOLDED FIBER OPTIC CONNECTOR FERRULE CAPILLARY HAVING OCTAGONAL COLLAR	8/410029	3/24/95	6203209	3/20/01
16135		US	HIGH DENSITY FIBER OPTIC INTERCONNECTION ENCLOSURE	8/441504	5/15/95	5613030	3/18/97
16121		US	WIRE CONNECTING SYSTEM	8/443964	5/18/95	5591045	1/7/97
15872		US	AN ELECTRICAL CONNECTOR AND AN ASSOCIATED METHOD FOR COMPENSATING FOR CROSSTALK BETWEEN A PLURALITY OF CONDUCTORS	8/444501	5/19/95	5586914	12/24/96
16184		US	STRAIN RELIEVING HOLDER FOR OPTICAL FIBER CABLE	8/453157	5/30/95	5566268	10/15/96
16146		US	STRAIN RELIEVING HOLDER FOR OPTICAL FIBER CABLE	8/453303	5/30/95	5566269	10/15/96
16214		US	OPTICAL FIBER SPLICE HOLDER	8/453739	5/30/95	5530786	6/25/96
16194		US	PATCH CARD ASSEMBLY	8/496165	6/28/95	5601447	2/11/97
16185		US	ENCLOSURE FOR SPLICED CABLE	8/506679	7/25/95	5606150	2/25/97
16120		US	MODULAR JACK SUBASSEMBLY FOR USE IN A NETWORK OUTLET	8/511199	8/4/95	5599206	2/4/97
16231		US	OPTICAL FIBER SPLICE TRAY AND COVER	8/515443	8/15/95	5577151	11/19/96
16187		US	FIBER OPTIC CABLE MANAGEMENT RACK	8/521703	8/31/95	5640482	6/17/97
16196		US	WIRE STUFFER CAP/STRAIN RELIEF FOR COMMUNICATION NETWORK OUTLET	8/533598	9/25/95	5626490	5/6/97
16185		US	ENCLOSURE FOR SPLICED MULTICONDUCTOR CABLE	8/558569	10/31/95	5691508	11/25/97
16601		US	GROMMET FOR A FIBER OPTIC ENCLOSURE	8/641447	4/30/96	5675124	10/7/97
16446		US	PATCH PANEL HAVING SNAP TOGETHER CONSTRUCTION	8/651062	5/21/96	5836786	11/17/98
40415		US	LOW PROFILE COMMUNICATIONS OUTLET	8/721636	9/26/96	5695361	12/9/97
16679		US	ELECTRICAL CONNECTOR WITH PAIRED TERMINALS	8/723230	9/27/96	6050842	4/18/00
16469		US	OPTICAL FIBER CONNECTOR	8/727844	10/4/96	5751875	5/12/98
16185		US	ENCLOSURE FOR SPLICED CABLE	8/756862	11/26/96	5746610	5/5/98
40484		US	TWISTED PAIR CABLE AND CONNECTOR ASSEMBLY	8/799974	2/14/97	5888100	3/30/99
16749		US	ELECTRICAL OUTLET HAVING PANEL MOUNT LATCHES	8/807308	2/27/97	5755593	5/26/98
16900		US	NETWORK INTERFACE UNIT	8/808301	2/28/97	5901220	5/4/99
16602		US	A PLUG FOR A SEALING GROMMET	8/910078	8/12/97	5886300	3/23/99
40377		US	WIRE CUTTING ELECTRICAL CONNECTOR HAVING TEST PROBE ACCESS	8/952165	5/22/96	5855490	1/5/99
17146		US	MODULAR PLUG HAVING A CIRCUIT BOARD	8/977544	11/25/97	5971812	10/26/99
16999		US	MODULAR PLUG HAVING COMPENSATING INSERT	8/979805	11/25/97	5967801	10/19/99

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
17079		US	FACEPLATE WITH PROVISION FOR OPTIONAL ICONS	8/985672	12/5/97	5977481	11/2/99
17080		US	WIRE PAIR DISCONNECT MODULE	8/995422	12/18/97	5989074	11/23/99
17152		US	OVERMOLDED ALIGNMENT FERRULE	9/014209	1/28/98	5926596	7/20/99
17159		US	OPTICAL FIBER CONNECTOR	9/021039	2/9/98	6019521	2/1/00
17098		US	AN ELECTRICAL CONNECTOR HAVING AN IMPROVED LATCH MEMBER	9/036254	3/6/98	6089898	7/18/00
17154		US	SHUTTERED CONNECTOR RECEPTACLE	9/062532	4/17/98	6004043	12/21/99
17153		US	MULTI CHANNEL FIBER OPTIC CONNECTOR WITH SINGLE ATTACHED LATCH	9/064952	4/23/98	6224268	5/1/01
16463		US	NON-OHMIC ENERGY COUPLING FOR CROSSTALK REDUCTION	9/078365	5/14/98	6096980	8/1/00
17243		US	MODULAR PLUG HAVING A CIRCUIT BOARD	9/107814	6/30/98	6116943	9/12/00
17321		US	CONTACT AND CONNECTOR FOR TERMINATING A PAIR OF INDIVIDUALLY INSULATED WIRES	9/109278	6/30/98	6045389	4/4/00
17244		US	ELECTRICAL CONNECTOR WITH PIVOTING WIRE FIXTURE	9/162516	9/29/98	5947761	9/7/99
17123		US	MULTIPLE FIBER SPLICE ELEMENT AND CONNECTOR	9/183983	11/2/98	6247850	6/19/01
16876		US	SHIELDED CONNECTOR HAVING ADJUSTABLE CABLE EXIT	9/199614	11/24/98	6142828	11/7/00
16999		US	MODULAR PLUG HAVING COMPENSATING INSERT	9/361005	7/27/99	6113400	9/5/00
17123		US	MULTIPLE FIBER SPLICE ELEMENT AND CONNECTOR	9/851632	5/9/01	6457878	10/1/02
13889		US	EXPLOSIVELY-OPERATED ELECTRICAL CONNECTOR	6/944473	12/19/86	4730087	3/8/88
15879		US	A COMMUNICATIONS WIRING SYSTEM INCLUDING A RECONFIGURABLE OUTLET ASSEMBLY	8/379248	1/27/95	5599190	2/4/97
16002		US	PEDESTAL FOR FIBER OPTIC CABLE	8/380876	1/30/95	5535298	7/9/96
16015		US	STAGGERED TERMINAL ARRAY FOR MOD PLUG	8/381383	1/31/95	5593314	1/14/97
61013		US	FIFO DATA STORAGE SYSTEM USING PLA CONTROLLED MULTIPLEXER	7/210147	6/16/88	4894797	1/16/90
61018		US	AUTOMATIC THRESHOLD ADJUSTMENT CIRCUIT FOR DIGITAL DATA	7/051874	5/18/87	4847865	7/11/89
61020		US	DIODE TUNED RESONANT CIRCUIT	7/121541	11/17/87		
61020		US	DIODE TUNED RESONANT CIRCUIT	7/394290	8/15/89	5039956	8/13/91
61023		US	TRAFFIC PATTERN INFORMATION FOR A LOCAL AREA NETWORK	7/428554	10/30/89	5038345	8/6/91
7602		US	TERMINAL CRIMPING WIRECUTTING AND INSULATION STRIPPING TOOL	727750	8/5/66	3525107	8/25/70
8176		US	CRIMPING TOOL	261139	6/8/72	D232906	9/24/74
8245		US	CRIMPING TOOL	306464	11/14/72	3791189	2/12/74
8410		US	SOLDERLESS CONNECTOR FOR INSULATED WIRES	393541	8/31/73	3836944	9/17/74

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
8413		US	ELECTRICAL TERMINALS FOR FLAT TWO-CONDUCTOR LEAD IN WIRE	404086	10/5/73		
8521		US	WIRE STRIPPER	471414	5/20/74	3890858	6/24/75
8547		US	ANTI-CORROSION INTERFACE DEVICE FOR DISSIMILAR METALS	490611	7/22/74		
8565		US	BATTERY TERMINAL CONNECTOR	514346	10/15/74	3963303	6/15/76
8670		US	TERMINAL BLOCK	572562	4/28/75	3980384	9/14/76
8872		US	TERMINAL BLOCK	713169	8/10/76		
8893		US	TERMINAL BLOCK	732252	10/14/76		
9083		US	RATCHET MECHANISM FOR HAND TOOLS	873565	1/30/78	4185519	1/29/80
9191		US	COVERING FOR T-TAP TERMINALS	970508	12/18/78	4234760	11/18/80
9494		US	BATTERY POST TERMINAL	210450	11/26/80		
9991		US	ELECTRICAL CONNECTOR	531133	9/12/83	4525023	6/25/85
13145		US	INDICATING CIRCUIT	607543	5/7/84		
13503		US	INSULATION DISPLACING BARREL TERMINAL	810800	12/19/85	4637675	1/20/87
13621		US	LOCAL AREA NETWORK INTERFACE	874181	6/13/86		
13621		US	LOCAL AREA NETWORK INTERFACE	7/088633	8/21/87	4756695	7/12/88
13741		US	GROUNDING CONNECTOR	885065	7/14/86	4693688	9/15/87
13762		US	COVER PLATES FOR POWER DISTRIBUTION SYSTEM	893071	7/31/86	4717358	1/5/88
13814		US	OPTICAL FIBER SPLICE CASE	907289	9/12/86	4744622	5/17/88
13833		US	AXIAL GRIP CONNECTOR HAVING ECCENTRIC JAWS	913185	9/29/86		
13833		US	AXIAL GRIP CONNECTOR HAVING ECCENTRIC JAWS	7/093079	8/28/87	4752252	6/21/88
13855		US	ELECTRICAL CONNECTOR	937773	12/4/86	4723920	2/9/88
13877		US	DATA COMMUNICATIONS OUTLET	945401	12/22/86		
13877		US	DATA COMMUNICATIONS OUTLET	7/147110	1/21/88	4859201	8/22/89
14000		US	LAN COMMUNICATION SYSTEM AND MEDIUM ADAPTER FOR USE THEREWITH-Communication	7/028946	3/23/87	4803485	2/7/89
14023		US	A CABLE WIRE SPLICE DEVICE	7/064153	6/18/87		
14023		US	A CABLE WIRE SPLICE DEVICE	7/146071	1/20/88	4795365	1/3/89
14029		US	POWER SHOE TERMINAL	7/070461	7/7/87		
14029		US	POWER SHOE TERMINAL	7/211091	6/7/88		
14035		US	MODULAR PLUG COUPLER	7/128835	12/4/87		
14035		US	MODULAR PLUG COUPLER	7/302066	1/24/89	4904209	2/27/90
14152		US	METHOD OF MAKING AN ELECTRICAL CONNECTOR	7/238020	8/29/88	4873765	10/17/89
14171		US	NETWORK DISTRIBUTION ASSEMBLY	7/159877	2/24/88		
14171		US	NETWORK DISTRIBUTION ASSEMBLY	7/326486	3/20/89	4906196	3/6/90
14305		US	CYLINDRICAL INSULATION DISPLACING CONNECTOR	7/211483	6/24/88		
14305		US	CYLINDRICAL INSULATION DISPLACING CONNECTOR	7/284031	12/14/88		
14305		US	CYLINDRICAL INSULATION DISPLACING CONNECTOR	7/386475	7/28/89	5006077	4/9/91
14494		US	ACCESS FLOORING MODULE	7/387560	7/28/89	4984982	1/15/91
14494		US	ACCESS FLOORING MODULE	7/535095	6/8/90		
14494		US	ACCESS FLOORING MODULE	7/717866	6/19/91	5122069	6/16/92

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
14527		US	POWER DISTRIBUTION SYSTEM FOR MODULAR FURNITURE UNITS	7/394775	8/16/89		
14527		US	POWER DISTRIBUTION SYSTEM FOR MODULAR FURNITURE UNITS	7/539284	6/15/90		
14527		US	POWER DISTRIBUTION SYSTEM FOR MODULAR FURNITURE UNITS	7/714318	6/10/91	5092787	3/3/92
14527		US	POWER DISTRIBUTION SYSTEM FOR MODULAR FURNITURE UNITS	7/791054	11/12/91	5203713	4/20/93
14528		US	PLUG-IN OUTLET UNIT FOR MODULAR FURNITURE POWER DISTRIBUTION SYSTEM	7/394781	8/16/89	4952164	8/28/90
14529		US	LATCH AND LOCKING HANDLE FOR AN ELECTRICAL CONNECTOR	7/394591	8/16/89	4969838	11/13/90
14655		US	LOCAL AREA NETWORK INTERFACE	7/475620	2/6/90	4986779	1/22/91
14743		US	CONVENIENCE ELECTRICAL OUTLET ASSEMBLY	7/618766	11/27/90	5064386	11/12/91
14764		US	INSULATION DISPLACING BARREL TERMINAL	7/773069	10/7/91	5254015	10/19/93
14774		US	PLUGGABLE CONNECTOR FOR USE WITH INSULATION DISPLACING BARREL TERMINALS	7/491016	3/9/90		
14774		US	PLUGGABLE CONNECTOR FOR USE WITH INSULATION DISPLACING BARREL TERMINALS	7/697921	5/2/91	5120245	6/9/92
14809		US	COMBINATION LATCH-HINGE DEVICE	7/550603	7/10/90	4985962	1/22/91
14811		US	INSULATION DISPLACEMENT CONTACT FOR FLAT CABLE	7/571960	8/23/90	5059137	10/22/91
14834		US	FACE PLATE WITH SEAL AND COVER	7/549854	7/9/90	5124506	6/23/92
14926		US	POWER DISTRIBUTION UNIT	7/645954	1/25/91	5073120	12/17/91
14965		US	HYBRID BRANCH CABLE AND SHIELD	7/638943	1/9/91	5097099	3/17/92
15019		US	CONTOURED POWER BLADE AND BUS SOCKET	7/674283	3/21/91		
15030		US	PROTECTOR MOUDULE FOR TELEPHONE LINE JUNCTION BOX AND METHOD	7/863626	4/3/92	5296646	3/22/94
15030		US	PROTECTOR MOUDULE FOR TELEPHONE LINE JUNCTION BOX AND METHOD	8/177889	1/5/94	5365660	11/22/94
15032		US	LID WITH INTEGRAL HINGES	7/863255	4/3/92	5186661	2/16/93
15033		US	SEALED ELECTRICAL CONNECTOR PROVIDING INSULATION DISPLACE	7/955535	10/1/92		
15033		US	SEALED ELECTRICAL CONNECTOR PROVIDING INSULATION DISPLACE	8/367907	1/3/95	5454732	10/3/95
15100		US	CABLE TAP TERMINATION SYSTEM	7/715071	6/13/91		
15143		US	CIRCUIT WIRING DEVICE	7/822246	1/17/92	5203712	4/20/93
15185		US	TRUNK CABLE FAULT DETECTION AND RECONFIGURATION ARRANGEMENT	7/753525	9/3/91	5282237	1/25/94
15186		US	CABLE TYPE IDENTIFYING AND IMPEDANCE MATCHING ARRANGEMENT	7/752728	8/30/91	5181858	1/26/93
15239		US	TELEPHONE JUNCTION ENCLOSURE AND SYSTEM FOR SEALING A WIRE OPENING ARRAY	7/839970	2/21/92	5323454	6/21/94

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
15263		US	CABLE STRAIN RELIEF FOR A SHIELDED ELECTRICAL CONNECTOR	7/882322	5/13/92	5199891	4/6/93
15284		US	SINGLE MODE FIBER OPTIC VARIABLE ATTENUATOR	7/860939	3/31/92		
15284		US	SINGLE MODE FIBER OPTIC VARIABLE ATTENUATOR	7/996753	12/24/92	5311614	5/10/94
15344		US	PROTECTOR MODULE FOR TELEPHONE LINE PAIR	7/880449	5/8/92	5321577	6/14/94
15344		US	PROTECTOR MODULE FOR TELEPHONE LINE PAIR	8/210870	3/18/94	5453023	9/26/95
15371		US	METHOD AND APPARATUS FOR TERMINATING A FIBER OPTIC CABLE WITHOUT ADHESIVE				
15371		US	METHOD AND APPARATUS FOR TERMINATING A FIBER OPTIC CABLE WITHOUT ADHESIVE	7/778898	1/10/92	5208887	5/4/93
15385		US	GULL WING TERMINAL ENCLOSURE	8/032890	3/18/93	5473115	12/5/95
15385		US	LOCKING HINGES FOR TERMINAL ENCLOSURE	8/455925	5/31/95	5588182	12/31/96
15396		US	IMPROVED SHIELDED ELECTRICAL CONNECTOR	7/941526	9/8/92		
15396		US	Improved Shielded Electrical Connector	8/101529	8/3/93		
15396		US	SHIELDED DATA CONNECTOR	8/479250	6/7/95	5487682	1/30/96
15396		US	SHIELDED DATA CONNECTOR	8/484099	6/7/95	5586911	12/24/96
15396		US	SHIELDED DATA CONNECTOR	8/485761	6/7/95	5584727	12/17/96
15400		US	ENCLOSURE FOR VARIETY OF TERMINAL BLOCKS	8/035129	3/19/93	5378174	1/3/95
15400		US	ENCLOSURE FOR VARIETY OF TERMINAL BLOCKS	8/350443	12/6/94	5489039	2/6/96
15415		US	CATEGORY 5 TELECOMMUNICATION CABLE	8/082340	6/24/93	5399813	3/21/95
15476		US	OVERMOLDED ALIGNMENT FERRULE	8/066849	5/25/93		
15476		US	OVERMOLDED ALIGNMENT FERRULE	8/214054	3/15/94	5375183	12/20/94
15490		US	GROMMET FOR PLURALITY OF CABLE EXISTS OF AN ENCLOSURE	8/032889	3/18/93	6265670	7/24/01
15496		US	MODULE FOR TELEPHONE LINE CONDUCTOR PAIR HAVING SINGLE PROTECTOR UNIT	8/059789	5/7/93	5317474	5/31/94
15526		US	COMMUNICATIONS CONNECTOR TERMINAL ARRAYS HAVING NOISE CANCELLING CAPABILITIES	8/088934	7/8/93	5362257	11/8/94
15544		US	OVERMOLD STRAIN RELIEF AND SNAG PREVENTION FEATURE	8/310553	9/22/94	5462457	10/31/95
15544		US	OVERMOLD STRAIN RELIEF AND SNAG PREVENTION FEATURE	8/444350	5/18/95	5600885	2/11/97
15618		US	ELECTRICAL CONNECTOR WITH SLOTTED BEAM CONTACT	8/184814	1/21/94	5409404	4/25/95
15626		US	SPLICE TRAY RACK AND CABINET FOR FIBER OPTIC CABLES	8/049055	4/16/93	5546495	8/13/96
15672		US	AUTOMATIC TOOL FOR MICRO-CONNECTOR	8/277467	7/20/94	5484305	1/16/96
15672		US	MICRO-CONNECTOR AND AUTOMATED TOOL FOR APPLICATION THEREOF	8/474882	6/7/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
15674		US	CONTACT AND ALIGNMENT FEATURE	08/097528	7/27/93	5435757	7/25/95
15696		US	INTERCONNECT ASSEMBLY FOR OPTICAL FIBER PLUGS	8/127220	9/27/93		
15696		US	INTERCONNECT ASSEMBLY FOR OPTICAL FIBER PLUGS	8/227933	4/15/94	5386487	1/31/95
15700		US	NETWORK INTERFACE DEVICE MODULE PROVIDING SEALED CUSTOMER ACCESSIBLE TEST PORT	8/213137	3/15/94	5420920	5/30/95
15700		US	CUSTOMER ACCESSIBLE TEST PORT FOR NETWORK INTERFACE DEVICE	8/442032	5/16/95	5600716	2/4/97
15700		US	CUSTOMER ACCESSIBLE TEST PORT FOR NETWORK INTERFACE DEVICE	8/587690	1/17/96	5625686	4/29/97
15736		US	ENCLOSURE WITH SEALANT FOR SPLICED COAXIAL CABLE	8/166180	12/10/93	5397859	3/14/95
15736		US	ENCLOSURE WITH SEALANT FOR SPLICED COAXIAL CABLE	8/263899	6/21/94	5561269	10/1/96
15751		US	RETROFIT DRYWALL MOUNTING FRAME	8/259846	6/15/94	5478032	12/26/95
15780		US	CAPTIVATED FIBER OPTIC CONNECTOR	8/200085	2/22/94	5394497	2/28/95
15877		US	NETWORK INTERFACE ASSEMBLY AND MOUNTING FRAME	8/357816	12/16/94	5562493	10/8/96
15883		US	ELECTRICAL CONNECTOR WITH WIRE INDICATOR AND WIRE RETAINER	8/254402	6/6/94	5484304	1/16/96
15946		US	ELECTRICAL WIRING DEVICE FOR POWER CONTROL WITH LOW VOLTAGE INPUT	8/303911	9/9/94	5445539	8/29/95
15947		US	WIRE MANAGEMENT KNOCKOUT CLOSURE FOR ELECTICAL BOXES	8/303984	9/9/94	5659151	8/19/97
16007		US	CROSS CONNECTION MODULE PROVIDING FOR UNINTERRUPTED TRANSMISSION DURING SERVICING	8/325004	10/18/94	5496192	3/5/96
16012		US	DIVERGENT LOAD BAR	8/332218	10/31/94	5571035	11/5/96
16013		US	BONDING DISCRETE WIRES TO FORM UNITARY RIBBON CABLE	8/334172	10/31/94	5592739	1/14/97
16013		US	FIXTURE FOR USE IN PREPARING TWISTED PAIR CABLES FOR ATTACHMENT TO AN ELECTRICAL CONNECTOR	8/441858	5/16/95	5655284	8/12/97
16167		US	ADD-ON MTU ASSEMBLY FOR USE IN A TELEPHONE SUBSCRIBER JUNCTION BOX	8/406243	3/17/95		
16410		US	WIRE CARRIER FOR ELECTRICAL CONNECTOR MODULE	8/573175	12/15/95	5667402	9/16/97
16439		US	WIRE CARRIER FOR ELECTRICAL CONNECTOR MODULE	8/615572	3/12/96		
16439		US	WIRE CARRIER FOR ELECTRICAL CONNECTOR MODULE	8/615572	3/12/96		
16439		US	WIRE CARRIER FOR ELECTRICAL CONNECTOR MODULE	8/968832	11/13/97	5785548	7/28/98

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
16460		US	HUB FOR A COMMUNICATIONS NETWORK	8/608737	2/29/96	5825618	10/20/98
16461		US	EXPANSION MODULE FOR A COMMUNICATIONS NETWORK	8/609142	2/29/96	5841639	11/24/98
16463		US	NON-OHMIC ENERGY COUPLING FOR CROSSTALK REDUCTION	8/608736	2/29/96		
16552		US	MECHANISM FOR A COMMUNICATIONS NETWORK	8/609145	2/29/96	5761459	6/2/98
16602		US	A PLUG FOR A SEALING GROMMET	8/640200	4/30/96		
16604		US	CROSS CONNECT TERMINAL BLOCK	8/656113	5/31/96		
16604		US	CROSS CONNECT TERMINAL BLOCK	8/713888	9/17/96	5860829	1/19/99
16634		US	MECHANICAL CONNECTOR SPLICE FOR CABLE	8/663837	6/14/96	5821463	10/13/98
16654		US	COMMUNICATIONS OUTLET HAVING TERMINATION AID PLATFORM	8/681588	7/29/96	5741158	4/21/98
16795		US	NETWORK INTERFACE MODULE	60/036797	1/31/97		
16795		US	NETWORK INTERFACE MODULE	9/016626	1/30/98	6246749	6/12/01
16804		US	CABLE TELEVISION WALL OUTLET	29/062689	11/21/96	D399829	10/20/98
16833		US	PROTECTIVE HOUSING FOR AN ELECTRICAL DEVICE	8/807074	2/27/97	5731545	3/24/98
16980		US	HOUSING FOR OPTICAL FIBRES	8/295920	3/24/93	5473724	12/5/95
17088		US	PROTECTOR INTERFACE	8/992158	12/17/97	6324283	11/27/01
17123		US	MULTIPLE FIBER SPLICE ELEMENT AND CONNECTOR	60/065295	11/13/97		
17154		US	SHUTTERED CONNECTOR RECEPTACLE	60/068333	12/19/97		
17316		US	GROUNDING ARRANGMENT FOR A SHIELDED CABLE CONNECTOR	9/108370	6/30/98	6080018	6/27/00
17324		US	TERMINATING WIRE CARRIER MODULE	60/090969	6/29/98		
17324		US	TERMINATING WIRE CARRIER MODULE	9/299249	4/26/99	6254421	7/3/01
17342		US	MODULAR FLOOR OUTLET	9/146990	9/3/98	6102229	8/15/00
17392		US	CONNECTOR ASSEMBLY WITH SHUNTING SWITCH	9/234004	1/19/99	6139333	10/31/00
17398		US	ELECTRICAL SAFETY RECEPTACLE	60/118229	2/2/99		
17398		US	ELECTRICAL SAFETY RECEPTACLE	9/301269	4/28/99	6166618	12/26/00
17419		US	Pivoting Wire Carrier for Aerial Drop Wire and Terminal Therefor	9/273630	3/23/99	6152760	11/28/00
40057		US	SHIELDED DATA CONNECTOR	8/020488	2/22/93	5372520	12/13/94
40108		US	DATA COMMUNICATION OUTLET KIT	8/230054	4/15/94	5484308	1/16/96
40113		US	SUBSCRIBER INTERFACE BOX	8/271682	7/7/94	5450469	9/12/95
40174		US	PATCH PANEL IDC CONNECTOR	8/362313	12/22/94	5551890	9/3/96
40363		US	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	8/952062	5/14/96	5967828	10/19/99
40427		US	SEALED SPLICING CONNECTOR				
40581		US	SPLICE HEAD FOR TELECOMMUNICATIONS CONNECTORS	9/284270	10/28/97		
40584		US	MODULAR JACK HOUSING WITH SHUNT ON PCB	8/972967	11/19/97		
40595		US	FLEX FILM CONDUCTOR CONNECTOR ASSEMBLY WITH LOW PROFILE	8/979027	11/26/97	5893775	4/13/99
40758		US	CONNECTOR CABLING TERMIINATOR	9/199173	11/24/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
61000		US	COMMON MEIDUM TIME DIVISION MULTIPLEX RING DEVICE	807078	12/9/85		
61001		US	COMMON MEDIUM TIME DIVISION MULTIPLEX RING SYSTEM	807427	1/27/86		
61002		US	A COMMUNICATION DATA FORMAT FOR A COMMON MEDIUM TIME DIVISIO	807410	12/10/85		
61003		US	A COMMON MEDIUM TIME DIVISION MULTIPLEX RING HAVING VARIABLE	807072	12/9/85		
61004		US	A COMMON MEDIUM TIME DIVISION MULTIPLEX RING HAVING HIGH TRA	807041	12/9/85		
61005		US	HIGH SPEED COMMON MEDIUM TIME DIVISION MULTIPLEX RING UTILIZ	807071	12/9/85		
61006		US	COMMON MEDIUM TIME DIVISION MULTIPLEX RING SYSTEN WHICH FACI	807042	12/9/85		
61007		US	COMMON MEDIUM TIME DIVISION MULTIPLEX RING USING LOCAL LOGIC	807075	12/9/85		
61011		US	CARRIER SIGNAL DETECTION USING CLICK CHARACTERIZATION	852578	4/16/86		
61013		US	FIFO DATA STORAGE SYSTEM USING PLA CONTROLLED MULTIPLEXER	931505	11/17/86		
61014		US	RF MODEM WITH IMPROVED CLOCK RECOVERY CIRCUIT	931573	11/17/86	4809306	2/28/89
61015		US	RF MODEM WITH IMPROVED BINARY TRANSVERSAL FILTER	931576	11/17/86	4773082	9/20/88
61016		US	RF MODEM WITH OSCILLATOR SWITCHING CIRCUIT	931765	11/17/86	4734657	3/29/88
61017		US	TEMPERATURE INDEPENDENT, LOW LEVEL, AM MODEM RECEIVER	932140	11/17/86	4740996	4/26/88
61019		US	METHOD AND APPARATUS FOR TESTING FIBER OPTIC HUBS	7/115669	11/2/87	4850045	7/18/89
68016		US	FIBER OPTIC ATTENUATOR	7/853468	3/18/92	5285516	2/8/94
WR135		US	Cable Connector	07/671584	3/19/91	5071365	12/10/91
15807		US	TRIAC DRIVE FOR LIGHTING AND FOR INDUCTIVE LOAD CONTROL	8/218964	3/28/94	5477111	12/19/95
15945		US	LIGHTING CONTROL SUBSYSTEM FOR USE IN SYSTEM ARCHITECTURE FOR AUTOMATED BUILDING	8/303967	9/9/94		
15945		US	LIGHTING CONTROL SUBSYSTEM FOR USE IN SYSTEM ARCHITECTURE FOR AUTOMATED BUILDING	8/613828	3/7/96	6297724	10/2/01
17245		US	VIDEO DISTRIBUTION MODULE	9/053561	4/1/98		
17246		US	TELECOMMUNICATIONS DISTRIBUTION MODULE	9/057664	4/9/98		
16189		US	LOW PROFILE DISTRIBUTION ADAPTER FOR USE WITH TWISTED PAIR CABLE	8/505046	7/21/95	5649829	7/22/97
TO-00559		US	Cable Management System including Splitter/Filter Tray	14/413963	1/9/15		
TO-00559		US	Cable Management System Including Splitter Tray	61/791206	3/15/13		
TO-00639		US					
WR008		US	Apparatus For Solderless Splicing	05/379389	7/16/73	3866291	2/18/75

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR017		US	Wraparound-Rails With Helical Stitching	05/850198	11/10/77		
WR019		US	Cable Sleve Assembly-Wraparound Sleeve Heads	05/909483	5/25/78	4203000	5/13/80
WR024COM		US	Inside Out Omega Wraparound	06/127857	3/6/80		
WR024COM		US	Inside Out Omega Wraparound	06/347049	2/8/82	4420654	12/13/83
WR069		US	Butt Design Catv Box - One Closure Cap With Separate Hs Sleeves	06/777594	9/13/85	4795368	3/3/89
WR073		US	Device For Splicing Wires	06/796098	11/7/85		
WR074COM		US	Branch-Out X-Filling Piece In Sleeve End	06/818256	1/13/86	4693767	9/15/87
WR076COM		US	Probe For Making Electrical Contact With A Cable	06/862066	5/12/86	4738633	4/19/88
WR100		US	Coaxial Cable Stripper	06/937762	12/4/86		
WR100		US	Coaxial Cable Stripper	07/220900	7/13/88		
WR103		US		07/050129	5/14/87		
WR121		US	Device For Forming An Interchange Point In A Telecommunications Network	07/453657	11/21/89		
WR121		US	Device For Forming An Interchange Point In A Telecommunications Network	07/720283	6/24/91		
WR121		US	Device For Forming An Interchange Point In A Telecommunications Network	07/972877	11/3/92		
WR122		US	Heat Shrinkable Horseshoes	07/572971	9/26/89		
WR131		US	Apparatus For Graphical Representation Of Information	07/578995	9/7/90		
WR137		US	Connection To Terminal Plate. Similarity To D. Terminator	07/937901	4/12/91	5324212	6/28/94
WR140		US	Mechanical Radi Seal	07/987273	3/9/93	5399811	3/21/95
WR142		US		08/066037	5/27/93		
WR142		US		08/353742	12/12/94		
WR143		US		08/108604	8/23/93	5435751	7/25/95
WR146		US	Modified Ezf Connector	08/244093	7/25/94		
WR147		US	Modified Ezam Cable Duct Seal For Vault Closure	08/256795	9/29/94		
WR148		US	Hand Operated Multiple Wire Connector With Guide Slots	08/284505	8/8/94		
WR155		US	Silicone Rubber Seal For Box	08/87701	4/24/95		
WR156		US	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	08/403845	3/14/95		
WR159		US	Uteic With Ports For In-Line Or Butt Connection	08/522317	9/6/95		
WR160		US	Catv Splitter With Variable Attenuation	08/491842	6/21/95		
WR161		US	Uteic With Stack Of Trays	08/586652	7/4/94	5754723	5/19/98
WR163		US	Uteic With Dust Flap	08/582986	1/5/96		
WR164		US	Uteic Cable Gripper With Self-Centring	08/491847	6/21/95	5610370	3/11/97
WR165		US	Catv Box For In-Line/Butt Connection	08/605183	2/27/96	5735711	4/7/98

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR166		US	Shaped Silicone Rubber Seal For Uteic Closure	08/605184	2/27/96		
WR167		US		08/612966	3/7/96		
WR168		US					
WR171		US	Catv Tap With Switch	08/809345	7/8/97		
WR172		US	Catv Tap With Power Tap-Off	08/809803	7/8/97		
100.0788		AE	SYSTEMS AND METHODS FOR ANALOG TRANSPORT OF RF VOICE/DATA COMMUNICATIONS	1035/2008	4/10/07		
2316.0942		AE	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	16,600	5/20/99		
2316.1785		AE	TELECOMMUNICATIONS CONNECTION CABINET	1/2006	6/18/04		
2316.1787		AE	FIBER OPTIC CONNECTOR HOLDER AND METHOD	688/2005	6/23/04		
2316.1863		AE	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	899/2006	6/13/05		
2316.2290		AE	TELECOMMUNICATIONS PATCH PANEL	1245/2008	6/5/07		
2316.2397		AE	THREADED CONNECTOR AND PATCH CORD HAVING A THREADED CONNECTOR	1279/2008	8/21/07		
2316.3395		AE	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	8812014	2/20/13		
	ITRACS001	AE	A System for Monitoring Connection Pattern of Data Ports	261/2001	4/5/00		
	05-010	AE	Protective plug for distribution frame devices for telecommunications and data technology	1118/2007	6/13/06		
	06-007	AE	Symmetrical data cable for communications and data engineering Symmetrical data cable for communications and data engineering	66/2009	7/18/07		
	94-035	AE	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	79/96	6/9/96		
	94-036	AE	Cable protection element	94/1996	6/24/96		
	94-037	AE	19"Racking system	95/1996	6/24/96		
	95-012	AE	Distribution device for telecommunications and data technique	143/96	9/26/96		
	96-020	AE	Terminal, isolating or connecting strip	263/1997	12/9/97	AE (145)	8/30/07
	97-018	AE	Overvoltage protection plug with fail-safe device	114/1998	5/24/98		
100.0070/01		AE	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	12/97	1/25/97		
2316.1006/01		AE	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	170/2001	1/3/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1007/I1		AE	TELECOMMUNICATIONS JACK ASSEMBLY	17,601	1/4/00		
2316.1910/WO		AE	Communication wire	152/2005	9/8/03		
	00-002	AL	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-004	AL	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-009	AL	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-015	AL	Electrical Connector	01956564.7-2217	7/26/01		
	00-020	AL	Distribution cabinet	01919316.8-2214	2/20/01	1264522	8/17/05
	03-001	AL	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	03-006	AL	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-013	AL	Construction kit for distribution cabinets	04006018.8	3/12/04		
	04-012	AL	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	AL	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	AL	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	AL	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	96-020	AL	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	97-030	AL	High Frequency Cable	98964444.8	11/27/98		
	98-024	AL	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	99-009	AL	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-010	AL	Traction relief device for a wire	00110099.9	5/13/00		
	99-017	AL	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	99-019	AL	Distribution cabinet	99121185.5	10/22/99	1047167	8/7/03
2316.1519		AM	JACK; JACK ASSEMBLY; AND METHODS	200400084	7/9/02	007249	8/25/06
	98-024	AM	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
2316.1910/WO		AM	Communication wire	200500485	9/8/03	007750	12/19/06
2316.3395		AP	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	AP/P/2014/007949	2/20/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3413APWO	TO-00509	AP	Optical Fiber Connection System Including Optical Fiber Alignment Device	AP/P/2014/007871	2/6/13		
TO-00559		AP	Cable Management System including Splitter/Filter Tray	AP/P/2014/008180	7/4/13		
100.0019		AR	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	P 010103405	7/17/01	AR035.189B1	7/17/06
100.0407		AR	SYSTEM AND METHOD FOR ELECTRONICALLY IDENTIFYING CONNECTIONS OF A CROSS-CONNECT SYSTEM	P 980105833	11/17/98		
100.0408		AR	TEST ACCESS SYSTEM AND METHOD FOR DIGITAL COMMUNICATION LINKS	P 980106668	12/23/98		
100.0409		AR	TEST ACCESS SYSTEM AND METHOD FOR DIGITAL CROSS CONNECT COMMUNICATION NETWORKS	P 000102830	6/7/00		
100.0411		AR	TEST ACCESS AND PERFORMANCE MONITORING SYSTEM AND METHOD FOR CROSS-CONNECT COMMUNICATION NETWORK	P 980106669	12/23/98		
100.0414		AR	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	P 000106613	12/13/00		
100.0415		AR	APPARATUS AND METHOD FOR FILTERING VOICEBAND AND METERING TONE FREQUENCIES OF A MIXED VOICE/DATA SIGNAL	P 010101115	3/9/01		
100.0814		AR	DELAY MANAGEMENT FOR DISTRIBUTED COMMUNICATIONS NETWORKS	080103454	8/7/08		
100.0826		AR	SYSTEMS AND METHODS FOR A UNIVERSAL BASE STATION	080101005	3/12/08		
100.0833		AR	THERMAL MANAGEMENT SYSTEMS AND METHODS FOR ELECTRONIC COMPONENTS IN A SEALED ENCLOSURE	080101929	5/7/08		
100.0834		AR	CLAMSHELL CHASSIS ASSEMBLY	080101252	3/27/08		
100.0840		AR	MODULARIZED RADIO FREQUENCY BAND COMPONENTS ON REMOVABLE DOORS	080101253	3/27/08		
100.0846		AR	METHOD AND SYSTEM FOR ENHANCING THE PERFORMANCE OF WIDEBAND DIGITAL RF TRANSPORT SYSTEMS	080101254	3/27/08		
100.1153		AR	DISTRIBUTED ANTENNA SYSTEM (DAS) WITH DELAYED TRANSPORT TO PAIRED ANTENNAS	100100407.0	2/12/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1280		AR	PLUGGABLE ACTIVE OPTICAL MODULE WITH MANAGED CONNECTIVITY SUPPORT AND SIMULATED MEMORY TABLE	140103523	9/24/14		
2316.0172		AR	OPTICAL SWITCH	313,858	5/8/89		
2316.0691		AR	SWITCHING COAX JACK DEVICE	P 980101524	4/3/98	AR 011212B1	8/21/03
2316.0786		AR	FIBER CONNECTOR AND ADAPTER	P 010102317	5/16/01	AR028.573B2	1/29/07
2316.0786		AR	FIBER CONNECTOR AND ADAPTER	P 980102334	5/20/98	AR012.726B1	8/26/06
2316.0786		AR	FIBER CONNECTOR AND ADAPTER	P 990104597	9/14/99	AR029314B1	1/23/07
2316.0891		AR	Triaxial Transmission Line Connector Kit with Male or Female Front Conductor End	060102137	5/24/06	AR054764B1	8/31/09
2316.0891		AR	REPAIRABLE CONNECTOR AND METHOD	P 990100122	1/15/99	AR016.167B1	5/29/06
2316.0942		AR	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	P 000105565	12/23/00		
2316.0942		AR	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	P 990102596	6/2/99		
2316.0974		AR	FIBER OPTIC CABINET AND TRAY	P 990104740	9/21/99	AR023.665B1	2/14/07
2316.0988		AR	JACK ASSEMBLY	P 990105764	11/12/99	021257	1/23/07
2316.0988		AR	A Digital Cross-Connect (DSX) Device, a Telecommunications Assembly, a Jack Mount Assembly, a Jack Mount Assembly Comprised in said Telecommunications Assembly and a Telecommunications Component	P060105808	12/27/06	AR 058759B2	4/29/10
2316.1009		AR	DSX MODULE WITH REMOVABLE JACK	P000101580	4/6/00	AR023.403B1	6/22/06
2316.1051		AR	HIGH DENSITY PATCHING SYSTEM	P 000101744	4/14/00	AR023.501B1	12/27/06
2316.1060		AR	SPLIT LINKED A/B SWITCH APPARATUS	P 000102047	4/28/00		
2316.1067		AR	TELECOMMUNICATIONS CONNECTOR FOR HIGH FREQUENCY TRANSMISSIONS	P 000104248	8/17/00		
2316.1107		AR	JACK INCLUDING CROSSTALK COMPENSATION FOR PRINTED CIRCUIT BOARD	P 000104290	8/18/00		
2316.1149		AR	MONITORED REDUNDANT SWITCH APPARATUS AND METHOD				
2316.1150		AR	CONNECTOR PLUG AND INSERT FOR TWISTED PAIR CABLES	P 000106595	12/13/00		
2316.1171		AR	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	P 010101466	3/28/01	029053	7/31/07
2316.1172		AR	POWER DISTRIBUTION PANEL WITH HEAT SINK	P 010101265	3/19/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1175		AR	SPLITTER ARCHITECTURE FOR A TELECOMMUNICATIONS SYSTEM	P 010101763	4/16/01		
2316.1177		AR	UPGRADEABLE MEDIA WALL CONVERTER AND HOUSING	P 010103854	8/10/01		
2316.1180		AR	DESIGN AND ESTIMATING TOOLS FOR THE DESIGN OF TELECOMMUNICATIONS INFRASTRUCTURE IN A STRUCTURE	P 010100971	3/1/01		
2316.1223		AR	CIRCUIT ASSEMBLY FOR MONITORING PORT ACTIVITY AND INTEGRITY OF A MULTIPORT MEDIA CONVERTER	P 010103855	8/10/01		
2316.1231		AR	METHOD AND SYSTEM FOR MDI CROSSOVER CONTROL	P 010103852	8/10/01		
2316.1247		AR	TUNABLE FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	P 010106027	12/26/01	AR031.971B1	11/6/07
2316.1255		AR	METHOD AND APPARATUS FOR DISTRIBUTION OF POWER IN A MEDIA CONVERTER SYSTEM	P 010103853	8/10/01		
2316.1289		AR	LOW PROFILE CABLE EXIT TROUGH	P 010105171	11/5/01	AR035.367B1	8/31/07
2316.1408		AR	CABLE GUIDE FOR FIBER TERMINATION BLOCK	P 020100335	1/31/02		
2316.1461		AR	HIGH CIRCUIT DENSITY POTS SPLITTER ASSEMBLY	P 020102451	6/28/02		
2316.1470		AR	ADD-ON TROUGH FOR CABLE MANAGEMENT RACK	P 020100820	3/7/02		
2316.1605		AR	FRONT ACCESS DSX ASSEMBLY	P 020103625	9/26/02	AR037.095B1	9/13/06
2316.1799		AR	COVER FOR CABLE TROUGH	P040104082	11/5/04	AR046325B1	4/28/11
2316.1801		AR	FIBER OPTIC CABLE AND FURCATION MODULE	P040103217	9/8/04	AR045610B1	3/23/09
2316.1821		AR	HIGH DENSITY OPTICAL FIBER DISTRIBUTION FRAME WITH MODULES	P040104852	12/22/04		
2316.1826		AR	MODULAR MOUNTING SLEEVE FOR JACK	P06 01 01577	4/21/06		
2316.1851		AR	DIGITAL CROSS-CONNECT SYSTEM AND RACK ARRANGEMENT	050104059	9/27/05		
2316.1852		AR	HIGH DENSITY MOUNT FOR A CO-AXIAL CONNECTOR	050104058	9/27/05		
2316.1888		AR	CABLE WITH OFFSET FILLER	040103963	10/29/04		
2316.1888		AR	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	040103964	10/29/04		
2316.1889		AR	METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS	P050100581	2/18/05		
2316.1891		AR	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	P050100583	2/18/05		
2316.1899		AR	Modular Jack with wire management	040101617	5/11/04		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2105		AR	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	P060101495	4/17/06	AR053057B1	11/29/12
2316.2172		AR	CONNECTOR INCLUDING MEDIA CONVERTER	P06 01 05312	12/1/06		
2316.2306		AR	HIGH DENSITY COAXIAL JACK	P07 01 01736	4/23/07		
2316.2307		AR	HIGH DENSITY COAXIAL JACK AND PANEL	P07 01 01735	4/23/07		
2316.2308		AR	CABLE CRIMP TOOL	P070100144	1/12/07		
2316.2314		AR	FIBER OPTIC SPLITTER MODULE	P070100592	2/13/07	AR059572B1	7/22/14
2316.2392		AR	Rotatable Connector Modules with Inverted Jacks	P07 01 04634	10/19/07		
2316.2418		AR	POLYETHYLENE TO POLYURETHANE ADHESION PROCESS	80100447	2/4/08		
2316.2460		AR	HARDENED FIBER OPTIC CONNECTOR	P08 01 00283	1/24/08		
2316.2460		AR	HARDENED FIBER OPTIC CONNECTOR	P15 01 01426	5/11/15		
2316.2460		AR	HARDENED FIBER OPTIC CONNECTOR	P150101426	5/11/15		
2316.2462		AR	FIBER DISTRIBUTION ENCLOSURE	P07 01 05240	11/27/07		
2316.2498		AR	HARDENED FIBER OPTIC ADAPTER	P08 01 00269	1/23/08		
2316.2519		AR	Modular Optical Wall Box Enclosure	P08 01 01921	5/7/08		
2316.2525		AR	Fiber Optic Cable Breakout Configuration with Tensile Reinforcement	P080101499	4/11/08		
2316.2526		AR	Fiber Optic Telecommunications Cable Assembly	P080101498	4/11/08		
2316.2545		AR	WALL MOUNT BOX WITH SPLITTER	P080100949	3/7/08		
2316.2546		AR	TELECOMMUNICATIONS RACK UNIT TRAY	P080100950	3/7/08		
2316.2652		AR	Low Profile Fiber Distribution Hub	P080104777	10/31/08		
2316.2660		AR	Hardened Fiber Optic Connector System with Multiple Arrangements	P080105369	12/11/08		
2316.2714		AR	Fiber Optic Splice Enclosure	P090100507	2/13/09		
2316.2725		AR	Hardened Fiber Optic Connector with Connector Body Joined to Cylindrical Cable by Unitary Housing	P090101388	4/21/09		
2316.2786		AR	Fiber Optic Splice Tray	090101387	4/21/09		
2316.2788		AR	Cable Anchoring Device	P090101386	4/21/09		
2316.2802		AR	OUTDOOR RAPID FIBER SYSTEM	P09 01 02231	6/19/09		
2316.3554		AR	FIBER OPTIC CASSETTE	P130103472	9/27/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3555		AR	MANUFACTURE AND TESTING OF FIBER OPTIC CASSETTE	P130103473	9/27/13		
	E-TO-00008	AR	Electrical Connector with Shielded Differential Contact Pairs	P060101767	5/2/06	AR053256B1	8/28/12
	NC029	AR	Non-Interrupt Bypass Switch For RF Circuits	P980100051	1/6/98		
	NC030	AR	RF Chokes Comprising Parallel Coupled Inductors				
	MP0192	AR	Heat-Recoverable Article With Self-Contained Heater	260583	9/26/75	223298	8/14/81
	MP0790COM	AR	Thermoweave	295354	1/5/84	237884	10/31/88
	MP0867	AR	Laminar Electrical Heaters	296581	5/8/84		
	00-004	AR	Duplex connector for fiber clips	P010101757	4/16/01	AR029060B1	2/27/09
	00-006	AR	Z Form Insulation Displacement Contact (Electrical power outlet)	P010101671	4/9/01	AR 027783 B1	7/21/06
	00-007	AR	Electrical connector with spaced contact portions	P010101977	4/27/01		
	00-008	AR	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	P010102831	6/14/01	AR 028722 B1	4/28/06
	00-009	AR	Connection module with overvoltage device	P010102830	6/14/01	AR 028721 B1	8/14/06
	00-011	AR	Multi wire insulation displacement contact and a method of making multi wire terminations	P010102832	6/14/01	AR030427B1	6/30/06
	00-012	AR	Assembly and method for use in terminating an optical fiber or fibers	P010102766	6/12/01	AR029265B1	3/25/09
	00-014	AR	Connecting element and method for making electrical contact with an electrical core without using any tools	P010103785	8/8/01		
	01-004	AR	Universal adapter	P020103131	8/21/02	AR035290B1	3/19/09
	02-005	AR	Distribution box connection module for telecommunications and data technology	P030102815	8/6/03	AR 040798 B1	2/19/10
	02-006	AR	Patch Cord Connector	P030102610	7/21/03	AR 040608 B1	7/25/11
	02-008	AR	Method and device for coupling optical fibers	P030104305	11/21/03		
	03-002	AR	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	P040100757	3/10/04	AR043526B1	11/27/07
	03-003	AR	Overvoltage protection magazine for a telecommunications device	P040101249	4/14/04	AR 044218 B1	11/26/09
	03-004	AR	Glass-fiber coupler module	P040101248	4/14/04	AR 043866 B1	4/30/08
	03-006	AR	Distribution board connection module	P040103077	8/27/04	AR 045514 B1	4/21/08
	06-004	AR	Press-fit-connector	P070102144	5/18/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	76-011	AR		312.422	11/11/88	246.637	8/31/94
	77-122	AR	LSA-Plus Module	312.423	11/11/88	241.295	4/30/92
	78-123	AR	Connection module	312.424	11/11/88	241.734	11/30/92
	78-124	AR		312.427	11/11/88	240.213	2/28/90
	78-125	AR		312.425	11/11/88	241.837	12/30/92
	80-012	AR	A tool for electrically connecting insulated wires	585.356	5/18/81	224.819	1/15/82
	80-128	AR	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	312.426	11/11/88	241.063	4/30/91
	80-129	AR	A twin contact terminal element	284.609	3/16/81	224.808	1/15/82
	80-131	AR	A connector device for testing a cable wire relative to all other cable wires within a contact element	312.428	11/11/88	240.214	2/28/90
	80-132	AR	A self supporting terminal element	284.871	4/6/81	222.755	6/15/81
	81-008	AR		290.021	7/20/82	229.424	8/15/83
	81-135	AR	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	290.329	8/18/82	230.123	2/29/84
	82-030	AR	Modular plug connector	291.844	1/13/83	229.381	7/29/83
	82-035	AR	Terminal element for cable wires and drop wire cables	296.309	4/16/84	232.243	5/31/85
	82-137	AR			11/11/88		
	82-153	AR		288.989	4/2/82	227.235	9/30/82
	83-040	AR	A terminal strip	296.127	4/6/84	233.081	11/29/85
	83-140	AR	A cable distribution head	295.749	2/17/84	233.083	11/29/85
	83-142	AR	A heat protection device for over-voltage arrester magazines	312.430	11/11/88	246.134	3/30/94
	84-147	AR	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	297.316	7/24/84	235.919	9/30/87
	85-003	AR		304.303	6/18/86		
	86-019	AR	Connector bank for cable wires, in particular for telephone cables	307.420	4/29/87	241.978	1/29/93
	86-064	AR	A casing, particulary a junction-box casing for telecommunications engineering	305.860	11/12/86	237.104	5/31/88

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	86-066	AR	Cutting/clamping terminal element for electrical conductors	309.193	11/3/87	267.145	8/12/92
	86-069	AR	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	309.450	12/1/87	139.004	5/31/89
	87-075	AR	Connector bank for telecommunication devices	311.591	8/4/88	239.465	8/31/89
	87-077	AR	Device for holding connector banks in telecommunication systems	311.693	8/18/88	240.217	2/28/90
	88-086	AR	Tool for connecting cable wires	312.627	12/5/88	240.215	11/28/90
	88-088	AR	Protective plug for connector or disconnector banks	313.050	1/23/89	240.527	4/30/90
	88-092	AR		312.217	10/17/88		
	88-095	AR	Contact member of electrical conductors	243.299	9/15/89	243.299	7/30/93
	89-005	AR	Protection plug for connector banks of telecommunication and data systems	316.404.	9/19/90	242.875	5/31/93
	89-010	AR	Wire connector for cable wires, in particular of telecommunication cables	318.355	11/12/90	242.873	5/31/93
	89-102	AR	Shield connecting element for a connector bank	315.985	1/23/90	243.312	7/30/93
	90-006	AR	Connecting block for the telecommunication and data technology	319.177	3/8/91	244.023	9/30/93
	90-011	AR	Terminal block for telecommunications systems	319.358	4/1/91	244.022	9/30/93
	90-012	AR	Cutting Clamping Contact	319.594	5/3/91	244.021	9/30/93
	90-015	AR	Protective circuit and protective device plug for telecommunication installations	320.083	7/3/91	247.459	12/29/94
	91-014	AR	Cutting and clamping sleeve contact	322.824	7/24/92	245.847	2/28/94
	92-004	AR	Case, in particular cable branching case	323.910	12/17/92	246387	7/31/94
	93-005	AR	Closing device for the door of a casing	324.443	3/8/93	249.582	5/21/96
	93-015	AR	Cable branching device	327.681	3/18/94	249.651	5/21/96
	93-020	AR	Termination module	326.350	10/22/93	248665	4/15/96
	93-021	AR	Connection module	326.350	10/22/93	255.374	11/21/01
	93-023	AR	Connection block for high speed transmission in the telecommunication and data system	328.902	7/26/94	253.293	4/30/99
	93-036	AR	Coupling device between a glass fibre and a dielectric waveguide	330.023	11/8/94		
	93-040	AR	Process for reducing the tearability of a thermally shrinkable web			PA327929	
	94-007	AR	Insulation displacement contact element	330.056	11/10/94	251418	12/12/97

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-012	AR	Obliquely disposed insulation displacement contact	331.377	3/20/95	252.649	10/23/98
	94-015	AR	Housing for optical components	331249	3/7/95		
	94-021	AR	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	331721	4/18/95	254866	1/29/01
	94-031	AR	Protection plug	332.563	6/27/95	254.468	8/30/00
	95-012	AR	Distribution device for telecommunications and data technique	P960104466	9/24/96		
	95-013	AR	Termination device for the telecommunication and data technique	P960104303	9/11/96		
	95-016	AR	Terminal block for high transmission rates	P960103902	8/7/96	AR003204B1	9/21/01
	95-019	AR	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	338.302	9/26/96		
	96-001	AR	Electronic access control and security system	P970100803	2/28/97	AR006035 B1	9/17/01
	96-002	AR	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	P970100940	3/10/97		
	96-005	AR	Management-capable splice cassette	P970100866	3/5/97	AR 006102 B1	2/20/07
	96-008	AR	Mounting assembly for electrical termination blocks	P970101569-2	4/18/97	AR006697B1	4/22/02
	96-011	AR	High density high performance connector	P970102120	5/20/97		
	96-013	AR	Connecting terminal	P970104510	10/1/97		
	96-018	AR	Clamping device	P970105430	11/20/97	AR009620B1	10/1/02
	96-019	AR	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	P970105721	12/5/97	AR009654B1	3/8/04
	96-020	AR	Terminal, isolating or connecting strip	P970105720	12/5/97	AR009653B1	1/13/03
	97-002	AR	Outdoor housing	P980100958	3/4/98		
	97-003	AR	Protection Plug	P980100860	2/26/98	AR011880B1	10/15/01
	97-008	AR	Arrangement of contact pairs for compensation of near-end crosstalk	P980100957	3/4/98		
	97-012	AR	Distribution block for telecommunication and data technology	P98 01 01033	3/9/98		
	97-013	AR	Stationary housing with wall elements made of plastic	P980101074	3/11/98		
	97-016	AR	Overvoltage protection module	P980102117	5/7/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	97-018	AR	Overvoltage protection plug with fail-safe device	P980102450	5/27/98		
	97-019	AR	Interface module	P980102563	6/2/98		
	97-023	AR	Method for designing a telecommunications and data network	P98104062	8/18/98		
	97-025	AR	Casing	P980105154	10/16/98	AR 016962 B1	12/28/05
	97-032	AR	Patch Panel with retractable patch cord	P980106685	12/28/98		
	98-001	AR	Optical fibre connector	P980106542	12/21/98		
	98-002	AR	Support body for an electrical contact arrangement	P990100308	1/27/99		
	98-010	AR	Electrical Connector	P990101760	4/16/99	AR023303B1	2/14/06
	98-013	AR	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	P990102344	5/18/99		
	98-022	AR	Cable manager for multi-core cable	P990104485	9/7/99		
	98-025	AR	Shielding device for connection strips in telecommunications and data engineering	P990105828	11/17/99	AR021292 B1	4/28/06
	99-006	AR	Device for mounting terminal strips for telecommunication, control power and data technology	P000101127	3/15/00		
	99-007	AR	Connector element with closure device	P000101128	3/15/00		
	99-008	AR	Unit with wire termination and RJ style plug	P000102659	5/30/00		
	99-013	AR	Interconnection device for telephone/data lines with tool less wire termination and easy disconnection for testing	P000103703	7/19/00		
	99-016	AR	STC-Module	P000106077	11/17/00		
	99-017	AR	Connecting cable with an electrical plug connection	P000106481	12/7/00	AR026750B1	7/24/06
	DESNC 005	AR	Telecommunications Connector	060513	10/8/93	60513	10/8/93
	DESNC 006	AR	Telecommunications Terminal	060514	10/8/93	60514	10/8/93
	E-TO-00051	AR	Modular Plug Electrical Connector	P070102562	6/12/07		
	E-TO-00214	AR		P090102281	6/22/09		
	MP012 2	AR	Wraparound Closure Sleeve	293847	8/9/83		
	MP076 6	AR	Fiber Optic Splicing	289236	4/27/82		
	MP085 0	AR	Optical Fiber Adhesive Joint Tube - Hourglass Shape	295644	2/6/84		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0871A	AR	Protective Article	303474	3/24/86		
	MP1018	AR	Splice Case	302780	1/3/86	245851	2/28/94
	MP1027	AR	Closure Including Gel-Filled End Seals	303050	2/4/86	241981	1/29/93
	MP1028COM	AR	Drop Wire Closure Having First And Second Cams	303051	2/4/86	244473	10/29/93
	MP1064	AR	Optical Fiber Distribution Network	304489	7/11/86		
	MP1111	AR	Insulation Displacement Connector For High Axial Strength	307500	5/7/87	237819	9/30/88
	MP1206COM	AR	Terminal Block	311321	7/5/88	246820	9/30/94
	MP1317	AR	Telecommunications Terminal Housing & Method Of Encl A Telecomm Terminal Within A Minimum Clearance Opening Container	317596	8/14/90	248862	4/16/96
	MP1404	AR	Hermaphroditic Gel Closure	321917	3/12/92	244916	11/30/93
	MP1432	AR	Low Temperature Expandable Gaskets	325599	9/30/93		
	MP1452	AR	Coaxial Cable Connection Protection System	325389	7/12/93		
	MP1476	AR	Oval Port Seal	328793	7/13/94		
	MP1511	AR	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	332236	5/31/95		
	MP1514	AR	Environmental Protection Device With Manually Operated Latch Mechanism	332237	5/31/95		
	MP1532	AR	Coaxial Cable Tap And Method Of Connecting To An Operational Coaxial Cable Without Interrupting Transmitted Signals	P960104787	10/17/96		
	MP1532	AR	Coaxial Cable Tap And Method Of Connecting To An Operational Coaxial Cable Without Interrupting Transmitted Signals	P960102295	4/24/96		
	MP1540	AR	Coaxial Cable Connector	334793	12/22/95		
	MP1541	AR	Locking Coaxial Cable Connector And Adaptor	950100740	12/22/95		
	MP1621	AR	Sealed Coaxial Cable Connector	P980101348	3/25/98		
	NC001	AR	Environmental Sealing	319197	3/11/91		
	NC002	AR	Cable Splice Enclosures	319533	4/25/91	249356	5/16/96
	NC003	AR	Cable Seal	322221	4/30/92		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC004	AR	Telecommunications Terminal Block	323398	10/16/92	247315	11/30/94
	NC006	AR	Gas Tube Vent-Safe Device	325291	6/29/93		
	NC008	AR	Surge Arrestor Fail Safe Thermal Overload Mechanism	325293	6/29/93		
	NC010	AR	Enclosure Assembly For Telecommunication Cables	325163	6/11/93		
	NC011	AR	Telecommunications Network Interface Assembly	324902	5/7/93		
	NC017	AR	Fiber Optic Cable System Including Main And Drop Cables And Associated Fabrication Method	327937	4/15/94		
	NC024	AR	Splice Closure For Buried Telecommunications Cables	338400	10/4/96		
	NC025	AR	Protected Telecommunications Terminal	333066	8/7/95		
	NC027	AR	Button Protection Device	335881	3/22/96		
	NC042	AR	Fiber Optic Drop Splice Closure And Related Methods	P990102486	5/26/99		
	NC046	AR	Fiber Optic Splice Organizer With Splicing Tray And Associated Method	P000101123	3/14/00	AR023734B1	5/14/08
	NC047	AR	Bulbous Configured Fiber Optic Splice Closure And Associated Method	P000101889	4/19/00		
02316.3844AR01	TO-00302	AR	Methods and Apparatus for Terminating Electrical Connectors to Cables	P20100104913	12/22/10		
02316.3845AR01	18204	AR	Method and Apparatus for Providing Out of Band Communications Over Structured Cabling	P050105010	11/30/05	AR051977	9/28/12
02316.3882AR01	E-TO-00009	AR	Electrical Connector with Crosstalk Compensation	P050105320	12/16/05	AR051724B1	4/27/12
02316.3886AR01	E-TO-00180	AR	Electrical Connectors and Circuit Boards Having Non-Ohmic Plates	P090101457	4/24/09	AR071596B1	7/28/14
02316.3887AR01	E-TO-00088	AR	Receptacle with Crosstalk Optimizing Contact Array	P070101012	3/12/07	AR059827	7/24/13
02316.3888AR01	E-TO-00089	AR	Electrical Connector Having Staggered Contacts	P070102136	5/17/07	AR061007	5/21/13
02316.3915AR01	E-TO-00205	AR	Electrical Connector With a Compliant Cable Strain Relief Element	P090102280	6/22/09		
02316.3916AR01	E-TO-00208	AR	Cabling Having Shielding Separators	P090101561	4/30/09		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3921AR01	E-TO-00182	AR	Electrical Connector with Compensation Component	P090102038	6/5/09		
02316.3922AR01	E-TO-00181	AR	Electrical Connector with Enhanced Back End Design	P090101429	4/22/09	AR071591B1	5/30/14
02316.3996AR01	NC014	AR	Telecommunications Terminal Block	327907	4/12/94	255385	11/21/01
02316.3998AR01	MP1492	AR	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	331623	4/7/95		
02316.3999AR01	MP1374A	AR	Alarm And Test System For A Digital Added Mail Line	320486	8/26/91	251625	2/23/98
02316.3999ARD1	MP1374A	AR	Alarm And Test System For A Digital Added Mail Line	328387	8/26/91		
02316.3999ARI2	MP1374C	AR	Gel Filled Modular Electrical Connecting Block	327233	1/21/94	254824 V1	11/30/00
02316.4026AR01	NC012	AR	Fiber Optic Splice Closure	326612	11/18/93	255112	6/21/01
02316.4029AR01	NC005	AR	Fiber Optic Splice Organizer And Associated Method	325292	6/29/93	247028	10/31/94
02316.4237AR01	NC016	AR	Fiber Optic Splice Closure And Associated Methods	327938	4/15/94	255543	3/6/02
2316.1006/01		AR	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE (GLIDE)	P 000100081	1/6/00		
2316.1007/I1		AR	TELECOMMUNICATIONS JACK ASSEMBLY	P 000100166	1/14/00		
2316.1011/I2		AR	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	000100878	2/29/00	AR022.788B1	6/28/06
2316.1011/I2		AR	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	000102774	6/5/00	AR043.276B1	2/15/07
2316.1011/I4		AR	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	010102023	4/30/01		
2316.1066/I1		AR	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	P 010104089	8/28/01	AR030500B1	4/23/09
2316.1687/I1		AR	COUPLER FOR CABLE TROUGH	P 030101069	3/27/03		
2316.1890/I1		AR	METHODS AND SYSTEMS FOR POSITIONING CONNECTORS TO MINIMIZE ALIEN CROSSTALK	P050100582	2/18/05		
2316.2584/P1		AR	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	P08 01 01922	5/7/08		
2316.2584/P1		AR	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	P150100116	1/16/15		
2316.2584/P2		AR	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	P080103424	8/6/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2584/P4		AR	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	P080103867	9/5/08		
2316.3835ARU1	E-TO-00125	AR	Interface Module	P070104562	10/12/07	AR063301	11/29/13
2316.3895AR01	E-TO-00179	AR	Electrical Connector with Compensation Loops	P090101323	4/15/09	AR071329B1	5/23/14
5487-139-AR	NC071	AR	Toggle Type Telecommunications Terminal Blocks	P040101331	4/20/04	AR044030	7/29/11
5487-186AR	NC037	AR	Hybrid Cable Splice Closure And Related Methods	P990102248	5/12/99	AR018353B1	5/20/08
5487-8	NC056	AR	Terminal Blocks And Methods For Making And Breaking Connections In A Telecommunications Conductor	P010103580	7/26/01		
14294		AR	CROSS CONNECT BLOCK TERMINAL	316092	2/2/90	242.319	3/31/93
14305		AR	CYLINDRICAL INSULATION DISPLACING CONNECTOR	314240	6/23/89	243301	7/30/93
15030		AR	PROTECTOR MOUDULE FOR TELEPHONE LINE JUNCTION BOX AND METHOD	324594	3/25/93	251107	9/16/97
15496		AR	MODULE FOR TELEPHONE LINE CONDUCTOR PAIR HAVING SINGLE PROTECTOR UNIT	328127	5/5/94	255352	11/21/01
15526		AR	COMMUNICATIONS CONNECTOR TERMINAL ARRAYS HAVING NOISE CANCELLING CAPABILITIES	328524	6/16/94	252449	9/15/98
15672		AR	AUTOMATIC TOOL FOR MICRO-CONNECTOR	328715	7/5/94	AR255373	11/21/01
15700		AR	NETWORK INTERFACE DEVICE MODULE PROVIDING SEALED CUSTOMER ACCESSIBLE TEST PORT	331054	2/16/95	AR251703V1	3/13/98
15912		AR	ELECTRICAL CONNECTOR FOR TELECOMMUNICATIONS	329619	9/29/94	254852	1/29/01
15954		AR	AUTOMATIC LOCKING MECHANISM	329620	9/29/94	251614	2/23/98
16167		AR	ADD-ON MTU ASSEMBLY FOR USE IN A TELEPHONE SUBSCRIBER JUNCTION BOX	101755	3/14/96		
8410		AR	SOLDERLESS CONNECTOR FOR INSULATED WIRES	255399	8/30/74		
8413		AR	ELECTRICAL TERMINALS FOR FLAT TWO-CONDUCTOR LEAD IN WIRE	255842	9/30/74	201057	2/6/75
WR030		AR	Pull-Wire	286290	7/30/81	286290	6/30/83
WR031		AR	Catv Box ; Moulded Parts	286289	7/30/81	223939	9/30/81
WR159		AR	Uteic With Ports For In-Line Or Butt Connection	327595	3/8/94		
WR160		AR	Catv Splitter With Variable Attenuation	327125	1/6/94		
WR163		AR	Uteic With Dust Flap	328675	6/30/94		
WR164		AR	Uteic Cable Gripper With Self-Centring	327126	1/6/94		
WR166		AR	Shaped Silicone Rubber Seal For Uteic Closure	329196	8/24/94		
100.0058		AT	HYBRID FIBER/COAX VIDEO AND TELEPHONY COMMUNICATION SYSTEM	95933845.0	9/19/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0937		AT	Distribution of radio-frequency signals through low bandwidth infrastructures	97922450.8	4/18/97	0 894 369	2/18/04
100.0972		AT	Cellular base station with intelligent call routing	96913256.2	4/29/96	0 824 836	7/11/01
100.1060		AT	METHOD AND DEVICE FOR TUNING THE WAVELENGTH OF AN OPTOELECTRONIC COMPONENT ARRANGEMENT	980965648	10/21/98	E206.251	9/26/01
100.1147		AT	Method for Synchronizing the Wavelengths of an Arrangement of Optoelectronic Components	980963448.0	11/12/98	E 265.099	5/15/04
100.1154		AT	OPTOELECTRIC MULTI-WAVELENGTH CONSTRUCTION ELEMENT	19950110326	7/3/95	E 251.353	10/1/03
100.1157		AT	Photon Detector and Method of Manufacturing	970924964	5/21/97	E 212.435	1/23/02
2316.0019		AT	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSING	85850253.7	8/1/85	E 61160	2/27/91
2316.0024		AT	ELECTRICAL JACK	85850121.6	4/4/85		
2316.0038		AT	ELECTRICAL JACK FRAME	81101655.9	3/6/81	0 035 776	7/24/85
2316.0041		AT	ELECTRICAL CONNECTOR APPARATUS	85850356.8	11/5/85	0 181 306	2/17/93
2316.0056		AT	ELECTRICAL CONNECTOR APPARATUS	85850355.0	11/5/85	0 181 305	2/27/91
2316.0095		AT	JACK DEVICE	86309708.5	12/12/86	E 118927	2/22/95
2316.0123		AT	OPTICAL FIBER DISTRIBUTION APPARATUS	86307114.8	9/16/86		
2316.0172		AT	OPTICAL SWITCH	1075/89	5/5/89		
2316.0300		AT	PLUG-IN JACK CARD FOR NORMALLY CLOSED CONTACTS	91402605.9	9/30/91	E 140839	7/24/96
2316.0372		AT	MINIATURE COAX JACK MODULE	92915879.8	7/14/92	0 634 061	6/4/97
2316.0372		AT	MINIATURE COAX JACK MODULE	96202654.8	7/14/92	0 755 095	11/2/00
2316.0454		AT	REAR CROSS-CONNECT DSX SYSTEM	94912250.1	3/17/94	E166185	5/13/98
2316.0488		AT	HIGH-DENSITY FIBER DISTRIBUTION FRAME	95903533.8	11/16/94	E 176336	1/27/99
2316.0488		AT	HIGH-DENSITY FIBER DISTRIBUTION FRAME	98112420.9	11/16/94	E 237818	4/16/03
2316.0777		AT	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	0972319	3/23/98	E218012	5/22/02
2316.0777		AT	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	01104552.3	3/5/01	E252281	10/15/03
2316.0786		AT	FIBER CONNECTOR AND ADAPTER	03004353.3	5/14/98	1331496	1/4/06
2316.0786		AT	FIBER CONNECTOR AND ADAPTER	99944053.0	9/1/99	1114346	6/27/07

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0786		AT	FIBER CONNECTOR AND ADAPTER	98922274.0	5/14/98	E244899	7/9/03
2316.0891		AT	REPAIRABLE CONNECTOR AND METHOD	02011684.4	1/5/99	E246316	3/31/04
2316.0891		AT	REPAIRABLE CONNECTOR AND METHOD	99901287.5	1/5/99	E 239,306	5/2/03
2316.1250		AT	CABLE EXIT TROUGH WITH INSERT	01977447.0	10/4/01	1356321	4/4/07
2316.1481		AT	DSX JACK INCLUDING SLIDING REAR CONNECTOR	02762071.5-1528	4/11/02	1391010	1/24/07
	03-003	AT	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-009	AT	Wall outlet box	04765904.0	10/8/04	1678797	4/14/10
	03-010	AT	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	09-011	AT	Terminal strip	10712336.6	3/26/10	2441128	3/12/14
	96-002	AT	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97101240.6	1/28/97	E224634	9/18/02
	96-020	AT	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	04-007	AT	Housing	04790911.4-2207	10/27/04	1678798	3/3/10
	MP0192	AT	Heat-Recoverable Article With Self-Contained Heater	A7403/75	9/26/75	370921	9/26/75
	MP0192	AT	Heat-Recoverable Article With Self-Contained Heater	A4604/80	9/12/80		
	MP0736	AT	Heat-Recoverable Closure Assembly	81302412.2	6/1/81	0041388	4/17/85
	MP0761	AT	Wraparound Protective Closure And Method Of Use	83300472.4	1/28/83		
	MP0790COM	AT	Thermoweave	84300059.78	1/5/84	0116393	7/19/89
	MP0790COM	AT	Thermoweave	87118261.4	1/5/84	0270132	3/25/92
	MP0790COM	AT	Thermoweave	87107917.4	1/5/84	0243985	7/4/90
	MP0790COM	AT	Thermoweave	84300059.7	1/5/84	0430377	10/9/96
	MP0810	AT	Flame Coloring Device	83300904.6	2/22/83		
	MP0859	AT	Electrical Devices Comprising PTC Elements	84307984.9	11/16/84		
	MP0867	AT	Laminar Electrical Heaters	84303152.7	5/10/84		
	MP0872	AT	Heat Shrinkable Article	84306290.2	9/14/84		
	MP1086	AT	Devices Comprising PTC Conductive Polymers	86307651.9	10/3/86		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1224	AT	Laminar Sheet Heater	89900770.2	12/8/88		
	MP0735	AT	Wraparound Heat-Recoverable Sleeves	81302413.0	6/1/81	0041389	4/17/85
	00-001	AT	Shielding device for terminal blocks	00126936.4	12/8/00	1117158	2/13/08
	00-002	AT	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-004	AT	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-007	AT	Electrical connector with spaced contact portions	01940348.4-1231	4/25/01		
	00-008	AT	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01		
	00-009	AT	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-012	AT	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-013	AT	Connection module	01117086.7	7/13/01		
	00-015	AT	Electrical Connector	01956564.7-2217	7/26/01	1312137	5/25/05
	00-017	AT	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05
	00-018	AT	Plastic patch panel	01985780.4	9/24/01	E271230	7/14/04
	00-019	AT	Optical Fibre Connection Housing	01982343.4-1524	9/24/01	1329011	8/31/05
	01-004	AT	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	01-005	AT	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	02-003	AT	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	02-004	AT	Device for an optical-fiber connection	03727357.0-1234	4/25/03	1502142	6/28/06
	03-001	AT	Distribution frame with access for testing	04712500.0-2414	2/19/04	1602225	10/17/07
	03-005	AT	Conductor connection module for printed circuit boards	04740236.7-2214	6/24/04	1649549	11/2/06
	03-006	AT	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	04-004	AT	Connection module for telecommunications and data technology	05776552.1	8/30/05	1787481	5/27/09
	04-012	AT	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	AT	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	05-011	AT	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	AT	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	75-118	AT		3742/76	5/21/76	349093	3/26/79
	77-002	AT		A 1751/78	3/10/78	365860	2/25/82
	77-122	AT	LSA-Plus Module	370562	5/23/78	370562	4/11/83
	78-123	AT	Connection module	465/79	1/23/79	377388	3/11/85
	78-124	AT		1009/79	2/12/79	372806	11/25/83
	78-125	AT		2069/79	3/20/79	381416	10/10/86
	78-126	AT		2741/79	4/12/79	371632	7/11/83
	80-012	AT	A tool for electrically connecting insulated wires	81102206.0	3/24/81	0040307	8/14/85
	80-128	AT	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	673/81	2/13/81	378630	9/10/85
	80-129	AT	A twin contact terminal element	81102012.2	3/18/81	0041596	7/16/86
	80-130	AT	Universal connector for a solderless, screwless and stripless system for testing, connecting and isolating conductor tracks	81103884.3	5/20/81	0044387	2/6/85
	80-131	AT	A connector device for testing a cable wire relative to all other cable wires within a contact element	81103883.5	5/20/81	0044913	2/1/84
	80-132	AT	A self supporting terminal element	81101181.6	2/19/81	0053219	6/13/84
	81-135	AT	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	82108047.0	9/1/82	0075150	1/7/87
	82-030	AT	Modular plug connector	82111212.5	12/3/82	0084632	3/26/86
	83-040	AT	A terminal strip	84102700.6	3/13/84	0124721	9/10/86
	83-140	AT	A cable distribution head	83112627.1	12/15/83	0125343	9/27/89
	83-142	AT	A heat protection device for over-voltage arrester magazines	84106412.4	6/5/84	0130403	5/18/88
	83-145	AT	Optical main distributor		10/28/83		
	84-016	AT	Multipolar plug	85730151.9	11/8/85	0189730	12/27/89

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	84-147	AT	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	84107396.8	6/27/84	0165335	9/16/87
	85-003	AT		86730087.3	5/22/86	0210945	
	86-019	AT	Connector bank for cable wires, in particular for telephone cables	87730032.7	4/3/87	0244347	8/21/91
	86-064	AT	A casing, particulary a junction-box casing for telecommunications engineering	87730050.9	5/8/87	0253756	11/18/93
	86-066	AT	Cutting/clamping terminal element for electrical conductors	87730118.4	9/30/87	0270479	8/12/92
	86-068	AT		87730118.4	9/30/87	0270479	5/6/92
	86-069	AT	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	87730134	10/27/87	0270480	4/13/94
	86-069	AT	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	93112523.1	8/5/93		
	86-156	AT		87730030.1	3/21/87	0243296	12/27/90
	87-003	AT		88730042.4	2/24/88		
	87-075	AT	Connector bank for telecommunication devices	88730118.2	5/17/88	0302814	2/16/94
	87-077	AT	Device for holding connector banks in telecommunication systems	88730116.6	5/13/88	0304393	1/12/94
	87-166	AT	Terminal unit for cable pairs in Telecommunication systems	88730114.1	5/11/88	0296095	3/24/93
	88-006	AT		88730074.7	3/24/88	0288418	7/22/92
	88-086	AT	Tool for connecting cable wires	88730250.3	11/12/88	0329917	11/19/92
	88-087	AT		88117463.5	10/20/88	0328738	
	88-088	AT	Protective plug for connector or disconnector banks	89100535.7	1/13/89	0338187	12/29/93
	88-091	AT	Receiving pre-amplifier for an optical telecommunication line	89730043.0	2/22/89	0344091	11/3/93
	88-092	AT		88113259.1	8/13/88	0312729	
	88-095	AT	Contact member of electrical conductors	89730120.6	5/11/89	0360727	10/12/94
	88-097	AT	Connection device for switchung or disconnection line paths in telephone exchanges	89115536.8	8/23/89	0365780	4/26/95
	88-098	AT	Plug connector for telecommunication and data systems	89730204.8	8/23/89	0373096	9/8/93

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	88-100	AT	Electro-optical planar display, in particular an LCD display panel	89730208.9	10/14/89	0374085	9/15/93
	88-159	AT	Connecting element for optical waveguides	88112078.6	7/27/88	0309677	12/15/93
	89-005	AT	Protection plug for connector banks of telecommunication and data systems	90101057.9	1/19/90	0388585	12/21/94
	89-006	AT	Connector banks with voltage surge protection	90250072.7	3/16/90	0399628	6/7/95
	89-008	AT		90111280.5	6/15/90		
	89-010	AT	Wire connector for cable wires, in particular of telecommunication cables	90115668.7	8/16/90	0428832	1/12/94
	89-101	AT	Plug connector	90250004.0	1/4/90		
	89-102	AT	Shield connecting element for a connector bank	90250003.2	1/4/90	03823322	10/6/93
	89-192	AT	Electrical Connector	90122815.5	11/29/90	0445376	4/19/95
	90-002	AT	Voltage limiter	90122922.9	11/30/90	0440905	8/30/95
	90-006	AT	Connecting block for the telecommunication and data technology	91100348.1	1/12/91	0446572	1/11/95
	90-008	AT		91102642.5	2/22/91	0447834	
	90-009	AT	Device for displaying announcements, in particular prices in numerical form	91103873.5	3/14/91	0451528	9/8/93
	90-011	AT	Terminal block for telecommunications systems	91103990.7	3/15/91	0456987	5/3/95
	90-012	AT	Cutting Clamping Contact	91106635.5	4/25/91	0459144	5/24/95
	90-014	AT	Hinge for distribution cabinets	1097/91	5/29/91	403718	5/25/98
	90-015	AT	Protective circuit and protective device plug for telecommunication installations	91110018.8	6/19/91	0471167	5/25/94
	90-018	AT		1703/91	8/29/91		
	90-021	AT		91115168.6	9/7/91	0484654	12/5/91
	91-001	AT		91119994.1	11/23/91		
	91-010	AT		92108267.3	5/15/92		
	91-011	AT	Insulation displacement contact terminal	92111624.0	7/9/92	0525457	3/6/96
	91-013	AT	Terminal bank for the telecommunication and data technology	92111854.3	9/9/92	0529267	6/16/99
	91-014	AT	Cutting and clamping sleeve contact	9211972.3	7/14/92	0531664	1/31/96
	91-022	AT	Switching assembly for glass fibre cables of the telecommunication and data technology	92113177.7	8/3/92	0536496	2/11/98
	92-004	AT	Case, in particular cable branching case	92120714.8	12/4/92		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-006	AT	Cutting and clamping Terminal Element	93101539.0	2/2/93	0558937	1/3/96
	92-009	AT			2/24/93		
	92-013	AT	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	93106602.1	4/23/93	0582779	1/3/96
	92-014	AT	Split flap display device	93110150.5	6/25/93	0583577	1/3/96
	92-015	AT	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	93112697.3	8/7/93		
	92-019	AT	Method for elctronically labelling articel	93250311.3	11/10/93		
	92-021	AT		93115054.4	9/18/93	0601290	6/4/97
	92-022	AT	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	93114996.7	9/17/93	0601289	11/27/96
	92-024	AT	Signal-connector with capacitive adjustment for improved crosstalk parameters	93113952.1	9/1/93	0598192	1/8/97
	92-025	AT	Method and arrangement for optically representing information	93114019.8	9/2/93		
	92-026	AT	Method and arrangement for establishing networks of electro-optical display-field modules	93116523.7	10/13/93		
	93-006	AT		931119488.0	12/3/93		
	93-008	AT	Termination device for the communication and data technique	93119249.6	11/30/93		
	93-009	AT	Distribution device, in particular for the main distribution device of telephone and data lines	93119583.8	12/4/93	0618741	3/18/98
	93-015	AT	Cable branching device	94103854.9	3/14/94	0623832	5/27/98
	93-017	AT	Method for monitoring the filing levels of material of value collection containers	94105657.4	4/13/94		
	93-020	AT	Termination module	94105314.2-2214	4/6/94	0632527	1/20/99
	93-023	AT	Connection block for high speed transmission in the telecommunication and data system	94108404.8	6/1/94	0637097	9/2/98
	93-028	AT	Clamping Terminal unit	94112249.1	8/5/94	0643454	1/14/98
	93-030	AT	Terminal block	94113179.3	8/24/94	0645841	11/11/98
	93-032	AT	Electrical Plug Connector	94114414.9	9/14/94		
	93-033	AT		94114068.3	9/8/94		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	93-034	AT	Termination unit for telecommunication and data lines	94116632.4	10/21/94		
	93-036	AT	Coupling device between a glass fibre and a dielectric waveguide	94117310.6	11/3/94		
	94-003	AT	Digital electronic Loop Crossconnect & Carrier System	94117980.6	11/25/94		
	94-005	AT	Separation spark gap for limiting the maximum voltage on a surge arrester	94118945.8	12/1/94	0665619	3/5/97
	94-006	AT	Winding cartridge	94108836.1	6/9/94		
	94-007	AT	Insulation displacement contact element	94117060.7	10/28/94	0665614	4/19/00
	94-009	AT		94119809.5	12/15/94	0667650	9/9/98
	94-012	AT	Obliquely disposed insulation displacement contact	95100738.4-2214	1/20/95	0675564	9/30/98
	94-015	AT	Housing for optical components	95102617.8	2/24/95	0679917	1/19/00
	94-018	AT	Automatic distribution device for telecommunication and data lines	95106047.4	4/22/95		
	94-019	AT	Distribution apparatus, particularly for the main distributor of telecommunications or data lines	95107287.5	5/13/95	0689365	1/24/01
	94-021	AT	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95105067.3	4/5/95	0690539	7/7/99
	94-022	AT	Electrical Plug Connector	95106785.9	5/5/95	0693801	8/26/98
	94-025	AT	Printed Circuit Board for Connectors	95108378.1	6/1/95	0697804	2/9/00
	94-026	AT	Flip-over Display Module	95109294.9	6/16/95		
	94-027	AT	Manufacturing process for structured metal plating on surfaces	94113917.2	9/6/94	0643153	6/19/96
	94-031	AT	Protection plug	95109298.0	6/16/95	0706194	9/3/97
	94-032	AT	Terminal element	95109771.6	6/23/95	0706234	11/24/99
	94-035	AT	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	95111172.3	7/15/95		
	94-036	AT	Cable protection element	95106431.0	4/28/95		
	94-037	AT	19"Racking system	95106430.2-2207	4/28/95		
	95-002	AT		137/96	1/25/96		
	95-006	AT	Electrical Connectors	96105422.8	4/4/96		
	95-009	AT	Switching field	96112250.4-2302	7/30/96	0758792	10/17/01

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	95-010	AT	Electrical Connector	96112491.4	8/2/96		3/26/03
	95-012	AT	Distribution device for telecommunications and data technique	96113135.6	8/16/96		
	95-013	AT	Termination device for the telecommunication and data technique	96114423.5-2209	9/10/96		
	95-016	AT	Terminal block for high transmission rates	96111904.7-2308	7/24/96	0766352	11/29/00
	95-017	AT	Connecting device for telecommunication and data technique	96110940.2-2308	7/6/96		
	95-019	AT	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96113454.1-2209	8/22/96		
	95-020	AT	Automatic re-arrangement and distribution device for telecommunication and data lines	96115100.8	9/29/96		
	95-022	AT	Main distribution frame MDF	96920705.9	6/26/96		
	96-001	AT	Electronic access control and security system	97101244.8	1/28/97		
	96-005	AT	Management-capable splice cassette	97101253.9	1/28/97		
	96-006	AT	Earthing module	97104914.3-2308	3/22/97		
	96-007	AT	Termination tool	97104913.5-2308	3/22/97		
	96-011	AT	High density high performance connector	97108131.0	5/20/97		
	96-013	AT	Connecting terminal	97111592.8	7/9/97	0837525	11/8/00
	96-018	AT	Clamping device	97118901.4	10/30/97	0844694	3/1/00
	96-019	AT	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-021	AT	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	97118903.0	10/30/97	0849850	7/11/01
	96-025	AT	Wall for the casing or the door of a cabinet, especially for electric or electronic assemblies	97108562.6	5/28/97	0810704	1/24/01
	97-002	AT	Outdoor housing	98102656.0	2/17/98	0863593	8/29/01
	97-003	AT	Protection Plug	98102655.2	2/17/98	0862197	6/9/99
	97-008	AT	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-011	AT	Cable fastening	98102653.7	2/17/98		
	97-012	AT	Distribution block for telecommunication and data technology	98103424.2	2/27/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	97-013	AT	Stationary housing with wall elements made of plastic	98103423.4	2/27/98		
	97-016	AT	Overvoltage protection module	98107492.5	4/24/98		
	97-017	AT	Safety Plug (Terminator)	98107586.4	4/25/98		
	97-018	AT	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-019	AT	Interface module	98107578.1	4/25/98		
	97-022	AT		98114148.4	7/29/98		
	97-023	AT	Method for designing a telecommunications and data network	98948732.7	8/6/98		
	97-025	AT	Casing	98117540.9	9/16/98	0910146	5/25/05
	97-028	AT	Apparatus for connecting cable cores	98119013.5	10/8/98		
	97-030	AT	High Frequency Cable	98964444.8	11/27/98		
	97-031	AT	Electrical power outlet with IDC connections	98121647.6	11/12/98	0921611	6/4/03
	97-032	AT	Patch Panel with retractable patch cord	98123266.3	12/7/98		
	98-001	AT	Optical fibre connector	98960871.6	12/8/98		
	98-002	AT	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-004	AT	Casing	99101294.9	1/25/99	0938163	4/27/05
	98-005	AT	Clamping element for cable shielding	99104341.5	3/4/99	0944132	12/20/00
	98-010	AT	Electrical Connector	99107064.0	4/10/99	0952635	8/24/05
	98-013	AT	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	AT	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-023	AT	Electrical Connector	99112489.2	7/1/99		
	98-024	AT	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	98-025	AT	Shielding device for connection strips in telecommunications and data engineering	99952571.0	10/14/99		
	99-001	AT	Connection element for cable conductor	99121852.0	11/4/99	1018786	9/19/01
	99-002	AT	Surge arrester mounting unit for telecommunications and data systems equipment	99121037.8	10/21/99		
	99-004	AT	Overvoltage protection element	99125286.7	12/18/99		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	99-006	AT	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07
	99-007	AT	Connector element with closure device	00916921.0	3/10/00		
	99-009	AT	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-010	AT	Traction relief device for a wire	00110099.9	5/13/00		
	99-014	AT	Frontpanel for LWL-modules	00115726.2-2205	7/21/00		
	99-017	AT	Connecting cable with an electrical plug connection	00976033.1	11/16/00	E239307	5/2/03
	99-018	AT	Electrical Connector	00124720.4	11/13/00		
	99-019	AT	Distribution cabinet	99121185.5	10/22/99	1047167	9/17/03
	ITRACS001	AT	A System for Monitoring Connection Pattern of Data Ports	00919250	4/5/00	1173811	9/13/06
	ITRACS001	AT	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
	ITRACS001	AT	Data Cable for Monitoring Connection Pattern of Data Ports	06019065.9	4/5/00	1758028	3/17/10
	MP0718COM	AT	Corrugated Ht Rec. Tape & Flexible Collar Tee	81302605.1	6/11/81	0042262	6/5/85
	MP0757	AT	Air Vent Assembly	82300555.8	2/3/82		
	MP0766	AT	Fiber Optic Splicing	82302158.9	4/27/82		
	MP0781COM	AT	Flat Sheet Closure & Method	82304743.6	9/9/82		
	MP0798COM	AT	Fiber Optic Organizer	83300177.9	1/13/83		
	MP0799COM	AT	Paddlecard Terminator	82306555.2	12/8/82		
	MP0838COM	AT	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	83306140.1	10/11/83		
	MP0839COM	AT	Optical Fiber Tap	83903730.6	10/24/83	0125282	8/26/92
	MP0849	AT	Optical Fiber Adhesive Joint Tube - Release Agent	84300771.7	2/7/84		
	MP0850	AT	Optical Fiber Adhesive Joint Tube - Hourglass Shape	84300770.9	2/7/84		
	MP0855	AT	A Mechanical Coupling Assembly And Method Of Using Same	84901659.7	3/29/84	0138986	12/27/90
	MP0871A	AT	Protective Article	86302209.1	3/25/86		
	MP0874	AT	Tube Storage And Delivery Device	84306793.5	10/5/84	0145153	11/5/86
	MP0889	AT	Method And Apparatus For Determining Attenuation Across Optical Fiber Splice	84307314.9	10/24/84		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0899	AT	Light Launch Detection & Splicing Devices For Loose Tube Buffered Optical Fiber	85300528.8	1/25/85		
	MP0900	AT	Wraparound Article	84308644.8	12/12/84		
	MP0995COM	AT	Optical Fiber Termination	85308204.8	11/12/85		
	MP0997	AT	Center Conductor Closure	85308790.6	12/3/85		
	MP1018	AT	Splice Case	86300045.1	1/6/86	0189240	3/28/90
	MP1019	AT	Liner For Making Pressurized Splice Closure	86300833.0	2/6/86	0194040	5/16/90
	MP1027	AT	Closure Including Gel-Filled End Seals	86300835.5	2/6/86		
	MP1045	AT	Drop Wire Branch Article	86301678.8	3/10/86		
	MP1064	AT	Optical Fiber Distribution Network	86305329.4	7/11/86		
	MP1077	AT	Determining Splice Attenuation	86305112.4	7/1/86		
	MP1078	AT	Corrosion Protection Apparatus	86306401.0	8/19/86	0213874	11/19/92
	MP1085	AT	Compression Pressure Indicator	86307415.9	9/26/86		
	MP1092	AT	Optical Fiber Contact And Connector	86309060.1	11/19/86	0223609	2/16/94
	MP1093	AT	Optical Fiber Connector	86309059.3	11/19/86		
	MP1097	AT	Apparatus For Relieving A Load Across A Cable Repair Region	86308773.0	11/11/86		
	MP1111	AT	Insulation Displacement Connector For High Axial Strength	87304130.5	5/8/87		
	MP1112	AT	Universal End Plate-Gel Seal	87301044.1	2/5/87		
	MP1125	AT	Optical Fiber Termination Using An Elastic Convex Dam	87304031.5	5/6/87		
	MP1129	AT	Splice Closure System	87903804.0	5/29/87		
	MP1140COM	AT	Strained Distributed Optical Fiber Communication System	87307394.4	8/21/87		
	MP1155	AT	Coaxial Connector Moisture Seal	87309383.5	10/23/87		
	MP1177	AT	Optical Fiber Tap Utilizing Reflector	88301189.2	2/12/88		
	MP1184	AT	Alignment And Location Sleeve For Fiber Optic Contacts	88904743.7	3/21/88		
	MP1206COM	AT	Terminal Block	88306146.7	7/6/88	0298713	2/9/94
	MP1210	AT	Annealing Bent Optical Fiber	88306933.8	7/27/88		
	MP1223	AT	Rotary Closure And Grommet	89901178.7	12/8/88		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1238	AT	Telephone Junction Box And Switch Therefor	89902881.5	2/8/89		
	MP1239COM	AT	Telecommunication Terminal Block Or Adapter	89903328.6	3/4/89		
	MP1240	AT	Telecommunications Terminal Block	89902605.8	2/17/89	0402374	1/25/95
	MP1243	AT	Cable Sealing Apparatus	89904715.3	4/4/89		
	MP1254	AT	Optical Fiber Jaw Connector	89905535.4	4/4/89		
	MP1258	AT	Splice Case	89905534.7	4/26/89		
	MP1260	AT	Optical Fiber Termination Coating Dispenser				
	MP1275	AT	Rotary Connection Strain Relief On Terminal Block	89911333.6	9/19/89		
	MP1293	AT	E-Z-On Connectors	90909963.2	6/8/90	0476056	9/6/95
	MP1345COM	AT	Binding Post For Wide Tolerance Caps	90915250.6	9/21/90		
	MP1351	AT	Cable Television Connection System	90312384.2	11/13/90		
	MP1374C	AT	Gel Filled Modular Electrical Connecting Block	94906610.4	1/12/94	0680666	6/9/99
	MP1391	AT	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	91918523.1	10/3/91		
	NC004	AT	Telecommunications Terminal Block	92922043.2	10/5/92	0685119	1/20/99
	NC012	AT	Fiber Optic Splice Closure	94902329.5	11/20/93	E213340	2/13/02
	NC022	AT	Improved Idc Having Wire Slippage Control	97937300.8	8/14/97	E208087	10/31/01
2316.1011/I2		AT	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	00939275.4	2/16/00	E255230	11/26/03
2316.1011/I4		AT	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	00964881.7	5/25/00	1185897	12/13/06
TYCEO/P32112EP	NC059	AT	Low Profile Optical Fibre Network Interface Enclosure	01204160.4	10/30/01	1203974	2/1/06
15396		AT	IMPROVED SHIELDED ELECTRICAL CONNECTOR	93306228.3	8/6/93	587303	10/21/98
40108		AT	DATA COMMUNICATION OUTLET KIT	772/98	5/7/98	408820	3/25/02
40108		AT	DATA COMMUNICATION OUTLET KIT	2012/94	10/27/94	407808	6/25/01
8413		AT	ELECTRICAL TERMINALS FOR FLAT TWO-CONDUCTOR LEAD IN WIRE	A7759/74	9/26/74		
WR031		AT	Catv Box ; Moulded Parts	81105584	7/16/81		
WR035		AT	Cable Marker Plate	82103744	5/3/82		
WR045		AT	Inside-Out Moulded End Part	82105976.3	7/5/82	0080016	6/12/85
WR061		AT	Feedthrough	84100404	1/17/84		
WR082		AT	S.C.O.P. With Pattern Of Recesses	86304520.9	6/12/86		
WR102		AT	Heat Shrink Radi With Removable Outlets	87301936.8	3/5/87		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR103		AT		87304348.3	5/15/87		
WR110		AT			3/3/88		
WR118		AT	Cable Cutting Tool	89105061	3/21/89	0338273	6/3/92
WR119		AT	High Frequency Shielded Connection For Coax Cable	89110438.2	6/9/89		
WR120		AT	Multi-Outlet Box For Cables	89111573.5	6/24/89		
WR133		AT	Electrical Plug Connector	90110859.7	6/8/90		
WR136		AT	Cable Splice				
WR137		AT	Connection To Terminal Plate. Similarity To D. Terminator	91907679.4	4/12/91		
WR140		AT	Mechanical Radi Seal	91916615.7	9/12/91	E141721	8/21/96
WR142		AT		91920407.3	11/27/91		
WR145		AT	Fibre Optic Housing With Consumer Tap And Lead To Next Consumer I Same Housing.	92109429.8	6/4/92		
WR156		AT	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	93919538.4	9/14/93		
WR160		AT	Catv Splitter With Variable Attenuation	94903960.6	1/6/94	0678221	6/4/97
WR163		AT	Uteic With Dust Flap	94919793.3	7/8/94		
WR164		AT	Uteic Cable Gripper With Self-Centring	94902984.7	1/6/94		
WR166		AT	Shaped Silicone Rubber Seal For Uteic Closure	94924915.5	8/23/94		
WR168		AT		94931106.2	10/27/94		
WR172		AT	Catv Tap With Power Tap-Off	95932823.8	9/26/95		
100.0049		AU	ADDED BIT SIGNALLING IN A TELECOMMUNICATIONS SYSTEM	70931/94	5/10/94	687,073	5/10/94
100.0051		AU	PERFORMANCE MONITORING AND FAILURE ISOLATION IN A POINT-TO-MULTLIPOINT COMMUNICATION NETWORK	56686/94	11/15/93	687,370	11/15/93
100.0054		AU	OPTIMIZATION OF WEIGHTED SIGNAL-TO-NOISE RATIO FOR A DIGITAL VIDEO ENCODER	70913/94	4/8/94		
100.0056		AU	PROTECTION SWITCHING APPARATUS AND METHOD	79660/94	10/4/94	133,741	10/9/97
100.0057		AU	CONTROL AND COMMUNICATIONS APPARATUS	79658/94	10/4/94	682,903	10/4/94
100.0058		AU	HYBRID FIBER/COAX VIDEO AND TELEPHONY COMMUNICATION SYSTEM	36349/95	9/19/95	705,272	8/26/99
100.0061		AU	MULTI-POINT TO POINT COMMUNICATION SYSTEM	87136/98	2/6/96	703,879	2/6/96
100.0061		AU	MULTI-POINT TO POINT COMMUNICATION SYSTEM	87137/98	2/6/96	703,639	2/6/96
100.0061		AU	MULTI-POINT TO POINT COMMUNICATION SYSTEM	87142/98	2/6/96	703,459	2/6/96
100.0061		AU	MULTI-POINT TO POINT COMMUNICATION SYSTEM	87143/98	2/6/96	703,463	2/6/96
100.0062		AU	METHOD OF COMMUNICATION CHANNEL MONITORING	49162/96	2/6/96	694,620	2/6/96
100.0083		AU	SYSTEM AND METHOD FOR DISTRIBUTING RF SIGNALS	81685/98	6/26/98	750,814	11/7/02

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0414		AU	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	22620/01	12/14/00		
100.0622		AU	MULTIPLE PORT, FIBER OPTIC CIRCULATOR	65202/99	10/19/99		
100.0623		AU	MULTIPLE PORT, FIBER OPTIC ISOLATOR	11214/00	10/19/99		
100.0624		AU	MULTIPLE PORT FIBER OPTIC COUPLING DEVICE	752,890	10/19/99	752,890	1/16/03
100.0764		AU	METHOD AND APPARATUS FOR AUXILIARY PILOT SIGNAL FOR MOBILE PHONE LOCATION	2003209433	1/28/03		
100.0765		AU	System and method for retransmission of data	2003/234,422	5/13/03	2003/234,422	9/13/07
100.0765		AU	System and method for retransmission of data	2007211914	8/23/07		
100.0912		AU	PACKET NETWORK MONITORING DEVICE	18477/97	1/28/97	715,525	5/18/00
100.0912		AU	PACKET NETWORK MONITORING DEVICE	27604/00	1/28/97		
100.0912		AU	PACKET NETWORK MONITORING DEVICE	27606/00	1/28/97		
100.0937		AU	Distribution of radio-frequency signals through low bandwidth infrastructures	28112/97	4/18/97	715,343	5/11/00
100.0962		AU	Wireless private branch exchange	21167/99	1/14/99	751347	11/28/02
100.0963		AU	Cellular base station	1564/97	5/19/97	135064	9/15/98
100.0964		AU	Cellular base station	1565/97	5/19/97	135126	9/22/98
100.0968		AU	Self-contained masthead units for cellular communication networks	11066/99	10/21/98	755582	4/3/03
100.0969		AU	Frequency agile transceiver with multiple frequency synthesizers per transceiver	57176/96	4/29/96	726950	3/15/01
100.0970		AU	Spread spectrum communication network signal processor	56328/96	4/29/96	702055	5/27/99
100.0972		AU	Cellular base station with intelligent call routing	56327/96	4/29/96	717497	7/13/00
100.0973		AU	CELLULAR NETWORK COMMUNICATION SYSTEM	58077/99	9/3/99	756243	4/24/03
100.0974		AU	Method and apparatus for providing intelligent cellular handoff	33412/001	4/3/01	751670	12/5/02
100.0974		AU	Method and apparatus for providing intelligent cellular handoff	60499/98	1/29/98	728316	4/19/01
100.0976		AU	Cellular private branch exchanges	57262/96	5/3/96	716535	6/8/00
100.0977		AU	Configuration-independent methods and apparatus for software communication in a cellular network	58534/96	5/3/96	717297	7/6/00
100.0978		AU	HYBRID CELLULAR COMMUNICATION APPARATUS AND METHOD	59188/96	5/3/96	714073	3/30/00

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0979		AU	Cellular Adjunct To A Public Wired Network	57266/96	5/3/96	716483	6/8/00
100.0982		AU	METHODS AND APPARATUSES FOR AN INTELLIGENT SWITCH	56754/96	5/3/96	717237	7/6/00
100.0983		AU	Private multiplexing cellular network	41686/97	8/27/97	731212	7/12/01
100.0984		AU	Wireless co-tenant base station	22288/99	1/14/99	752422	1/16/03
100.0986		AU	Methods and apparatus for improved base station transceivers	89092/98	8/17/98	752200	1/23/03
100.1066		AU	RANGE EXTENSION FOR TIME DIVISION DUPLEX SYSTEMS	2010221436	3/3/10		
100.1075		AU	SYSTEMS AND METHODS FOR MOBILE PHONE LOCATION WITH DIGITAL DISTRIBUTED ANTENNA SYSTEMS	2010204891	1/11/10		
100.1077		AU	MULTIPLE UP/DOWN CONVERTERS-CHANNELIZED MULTIPLE UP/DOWN PATHS IN A DIGITAL-ANALOG RADIO TRANSCEIVER	2010204862	1/13/10		
100.1078		AU	METHOD AND SYSTEM FOR DIGITALLY EQUALIZING A SIGNAL IN A DISTRIBUTED ANTENNA SYSTEM	2009338702	12/21/09	2009338702	10/31/13
100.1095		AU	METHOD OF INSERTING CDMA BEACON PILOTS IN OUTPUT OF DISTRIBUTED REMOTE ANTENNA NODES	2010249770	5/18/10		
100.1095		AU	METHOD OF INSERTING CDMA BEACON PILOTS IN OUTPUT OF DISTRIBUTED REMOTE ANTENNA NODES	2010249770	5/18/10		
100.1110		AU	METHOD AND SYSTEM FOR CHARACTERIZING TERMINATIONS IN A LOCAL AREA NETWORK	36678/97	7/9/97	724,885	1/25/01
100.1111		AU	COMPUTER NETWORK CROSS-CONNECT PANEL PROVIDING PHYSICAL LAYER MONITORING AND METHOD THEREFOR	51944/98	10/28/97	724,910	1/25/01
100.1112		AU	COMPUTER NETWORK PHYSICAL-LAYER ANALYSIS METHOD AND SYSTEM	23973/00	12/29/99		
100.1115		AU	AGGREGATION OF PHYSICAL LAYER INFORMATION RELATED TO A NETWORK	2010213547	2/12/10		
100.1153		AU	DISTRIBUTED ANTENNA SYSTEM (DAS) WITH DELAYED TRANSPORT TO PAIRED ANTENNAS	2010213878	2/9/10		
100.1161		AU	INTER-NETWORKING DEVICES FOR USE WITH PHYSICAL LAYER INFORMATION	2010213548	2/12/10		
100.1161		AU	INTER-NETWORKING DEVICES FOR USE WITH PHYSICAL LAYER INFORMATION	2015201075	3/3/15		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1162		AU	NETWORK MANAGEMENT SYSTEMS FOR USE WITH PHYSICAL LAYER INFORMATION	2010213549	2/12/10		
100.1162		AU	NETWORK MANAGEMENT SYSTEMS FOR USE WITH PHYSICAL LAYER INFORMATION	2015201074	3/3/15		
100.1163		AU	MANAGED CONNECTIVITY DEVICES, SYSTEMS, AND METHODS	2010213550	2/12/10		
100.1178		AU	IDENTIFIER ENCODING SCHEME FOR USE WITH MULTI-PATH CONNECTORS	2012237675	3/22/12		
100.1207		AU	INTELLIGENT FIBER CABLE MANAGEMENT USER APPLICATION	2012340634	11/21/12		
100.1239		AU	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE	2013280604	6/25/13		
2316.0019		AU	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSING	45606/85	7/30/85	580,081	7/30/85
2316.0051		AU	MODULAR DISTRIBUTION FRAME	48924/85	10/22/85		
2316.0068		AU	ELECTRICAL CONNECTOR AND METHOD	54011/86	2/24/86		
2316.0074		AU	MODULAR INTERCONNECT BLOCK WITH PROTECTOR STRUCTURE	54133/86	2/27/86	587,604	2/27/86
2316.0095		AU	JACK DEVICE	66534/86	12/15/86	593,473	5/18/90
2316.0097		AU	INSERTION TOOL TIPS	63417/86	10/1/86	589,456	10/1/86
2316.0100		AU	MULTIGAUGE-MULTIWIRE INSULATION DISPLACEMENT TERMINAL	63842/86	10/13/86		
2316.0106		AU	LOW RF EMISSION FIBER OPTIC TRANSMISSION SYSTEM	72992/87	5/28/87	599,652	11/13/90
2316.0110		AU	INSERTION TOOL	68732/87	2/12/87	581,360	2/12/87
2316.0113		AU	TERMINAL ASSEMBLY	68107/87	1/29/87	593,054	1/29/87
2316.0114		AU	TERMINAL TEST PLUG	68108/87	1/29/87	580,904	1/29/87
2316.0117		AU	ELECTRICAL CONNECTOR	75034/87	7/2/87	599,674	11/13/90
2316.0118		AU	WIRE DISTRIBUTION APPARATUS	73107/87	5/15/87		
2316.0123		AU	OPTICAL FIBER DISTRIBUTION APPARATUS	62728/86	9/16/86	590,898	3/23/90
2316.0145		AU	JACK ASSEMBLY	65734/90	11/1/90		
2316.0172		AU	OPTICAL SWITCH	34018//89	5/4/89		
2316.0204		AU	DIGITAL CROSS CONNECT ASSEMBLY	63,0034	4/19/90	630,034	3/5/93
2316.0204		AU	DIGITAL CROSS CONNECT ASSEMBLY	26136/92	10/2/92	648,439	8/9/94
2316.0212		AU	OPTICAL FIBER STORAGE CONTAINER	53785/90	4/23/90	626,097	4/23/90

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0237		AU	FIBER OPTIC CONNECTOR MODULE	76050/91	4/29/91	647,113	3/17/94
2316.0249		AU	OPTICAL SWITCH ASSEMBLY	68593/91	1/4/91		
2316.0253		AU	OPTICAL SWITCH WITH REDUCED REFLECTION	69846/91	1/21/91	642,953	2/24/94
2316.0266		AU	METHOD FOR CONSTRUCTING OPTICAL SWITCH	69847/91	1/21/91	638,088	10/11/93
2316.0288		AU	JACK ASSEMBLY	75009/91	4/16/91	646,856	6/23/94
2316.0300		AU	PLUG-IN JACK CARD FOR NORMALLY CLOSED CONTACTS	84609/91	9/19/91	646,086	9/19/91
2316.0329		AU	DISTAL DISTRIBUTION FRAME MODULE	85578/91	10/7/91	647,183	10/7/91
2316.0372		AU	MINIATURE COAX JACK MODULE	2,343,892	7/14/92	676,994	7/31/97
2316.0381		AU	OVERLAPPING FUSION ATTENUATOR	2,548,892	8/27/92	671,599	12/24/96
2316.0393		AU	VARIABLE FIBER OPTICAL ATTENUATOR	25881/92	8/28/92	664,148	2/20/96
2316.0454		AU	REAR CROSS-CONNECT DSX SYSTEM	64479/94	3/17/94	674,218	4/22/97
2316.0458		AU	PATCH CORD	6,023,494	1/7/94	675,697	6/2/97
2316.0488		AU	HIGH-DENSITY FIBER DISTRIBUTION FRAME	1,255,595	11/16/94	679,308	10/16/97
2316.0498		AU	JACK MODULE	7,512,094	5/24/94	678,048	9/4/97
2316.0786		AU	FIBER CONNECTOR AND ADAPTER	57028/99	9/1/99	760,514	8/28/03
2316.0786		AU	FIBER CONNECTOR AND ADAPTER	74860/98	5/14/98	727,058	3/15/01
2316.0942		AU	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	40060/99	5/20/99	743,265	5/9/02
2316.0942		AU	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	45809/02	5/20/99		
2316.0951		AU	FIBER OPTIC ADAPTER, INCLUDING HYBRID CONNECTOR SYSTEM	29583/00	11/10/99		
2316.0960		AU	FIBER OPTIC CONNECTOR MODULE	57701/99	7/14/99	757,051	5/22/03
2316.0988		AU	JACK ASSEMBLY	2003266790	12/9/03	2003266790	11/4/05
2316.0988		AU	JACK ASSEMBLY	17145/00	11/5/99	765,854	1/15/04
2316.1010		AU	MICROELECTROMECHANICAL OPTICAL SWITCH AND METHOD OF MANUFACTURE THEREOF	73899/00	8/1/00	774,240	5/12/05
2316.1051		AU	HIGH DENSITY PATCHING SYSTEM	2004202136	4/11/00	2004202136	11/30/06
2316.1051		AU	HIGH DENSITY PATCHING SYSTEM	40812/00	4/11/00	770621	6/17/04
2316.1175		AU	SPLITTER ARCHITECTURE FOR A TELECOMMUNICATIONS SYSTEM	2001251465	4/9/01	2001251465	7/28/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1362		AU	DIGITAL SWITCHING CROSS-CONNECT MODULE	03261136	7/10/03		
2316.1362		AU	DIGITAL SWITCHING CROSS-CONNECT MODULE	2008203132	7/15/08		
2316.1397		AU	CARD EDGE COAXIAL CONNECTOR	2003218379	3/21/03	2003218379	1/4/08
2316.1474		AU	ANGLED RJ TO RJ PATCH PANEL	2002366075	11/13/02	2002366075	9/25/08
2316.1475		AU	CABLE STORAGE SPOOL	2002257019	3/5/02		
2316.1533		AU	GUIDE FOR FEMALE BNC CONNECTOR PART	24846/99	1/29/99	739,846	1/31/02
2316.1599		AU	FIBER TERMINATION BLOCK WITH ANGLED SLIDE	2002348355	11/7/02	20348355	9/6/07
2316.1605		AU	FRONT ACCESS DSX ASSEMBLY	2002343375	9/16/02	2002343375	5/1/08
2316.1624		AU	TELECOMMUNICATIONS PATCH PANEL	2002352690	11/13/02	2002352690	6/19/08
2316.1637		AU	TRIAXIAL CONNECTOR ADAPTER AND METHOD	2003210547	1/16/03	03210547	11/22/07
2316.1638		AU	TRIAXIAL CONNECTOR INCLUDING CABLE CLAMP	2003207587	1/16/03	2003207587	6/5/08
2316.1681		AU	FIBER MANAGEMENT MODULE WITH CABLE STORAGE	2003241518	5/20/03		
2316.1722		AU	TERMINATED COAXIAL CONNECTOR	2003232141	5/7/03	2003232141	5/15/08
2316.1726		AU	FIBER MANAGEMENT DRAWER AND PATCH PANEL	2003254031	7/17/03	2003254031	1/22/09
2316.1737		AU	10/100 MBS NETWORK DEVICE	2004306086	9/21/04	2004306086	3/17/11
2316.1744		AU	HIGH DENSITY PANEL WITH ROTATING TRAY	2003270893	9/26/03	2003270893	8/6/09
2316.1747		AU	POWER DISTRIBUTION PANEL WITH MODULAR INSERTS	2003293518	12/12/03	2003293518	10/2/08
2316.1780		AU	FIBER CONTAINMENT SYSTEM	2004246161	5/28/04	2004246161	10/15/09
2316.1785		AU	TELECOMMUNICATIONS CONNECTION CABINET	2004300877	6/18/04	2004300877	2/25/10
2316.1785		AU	TELECOMMUNICATIONS CONNECTION CABINET	2010200533	2/12/10	2010200533	7/26/12
2316.1787		AU	FIBER OPTIC CONNECTOR HOLDER AND METHOD	2004255747	6/23/04	2004255747	7/9/09
2316.1787		AU	FIBER OPTIC CONNECTOR HOLDER AND METHOD	2009201917	5/14/09	2009201917	10/25/12
2316.1793		AU	SLIDE ARRANGEMENT FOR CABLE DRAWER	2004264620	7/15/04	2004264620	1/21/10
2316.1799		AU	COVER FOR CABLE TROUGH	2004310329	10/13/04	2004310329	5/17/10
2316.1801		AU	FIBER OPTIC CABLE AND FURCATION MODULE	2004281024	9/1/04	2004281024	1/21/10
2316.1808		AU	JACK WITH MODULAR MOUNTING SLEEVE	2004308020	10/29/04	2004308020	5/27/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1822		AU	LONG FRAME HIGH DENSITY PATCHING SYSTEM	2005326774	7/20/05		
2316.1832		AU	WDM SYSTEMS AND METHODS (CWDM)	2005219933	2/25/05	2005219933	2/3/11
2316.1863		AU	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	2005264949	6/13/05	2005264949	11/21/08
2316.1863		AU	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	2008200313	1/11/08	2008200313	11/27/08
2316.1863		AU	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	2008243093	11/3/08	2008243093	7/26/12
2316.1863		AU	TELECOMMUNICATIONS CABINET WITH CONNECTOR STORAGE	2012201616	3/19/12	2012201616	1/16/14
2316.1863		AU	TELECOMMUNICATIONS CABINET WITH CONNECTOR STORAGE	2013267049	12/5/13		
2316.1868		AU	HIGH DENSITY COAXIAL SWITCHING JACK	2006236944	4/7/06	2006236944	12/2/10
2316.1869		AU	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	2005292491	9/9/05	2005292491	8/4/11
2316.1888		AU	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	2004288499	10/14/04	2004288499	3/25/10
2316.1888		AU	CABLE WITH OFFSET FILLER	2004288500	10/14/04	2004288500	6/18/10
2316.1888		AU	Cabled Group	2010202260	6/1/10	2010202260	10/2/14
2316.1888		AU	Cable Filler	2010202261	6/1/10	2010202261	10/2/14
2316.1888		AU	CABLE WITH OFFSET FILLER	2014227545	9/19/14		
2316.1889		AU	METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS	2005217983	2/18/05	2005217983	8/12/10
2316.1891		AU	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	2005217981	2/18/05	2005217981	5/27/10
2316.1892		AU	Cable with twisting filler and shared sheath	2002307326	4/16/02		
2316.1893		AU	High performance data cable	36480/99	4/16/99	747659	8/29/02
2316.1894		AU	Tuned patch cable	50450/00	5/20/00	777,390	2/10/05
2316.1895		AU	Low delay skew multi-pair cable and method of manufacture	52903/00	5/25/00	775768	11/25/04
2316.1896		AU	Optimizing lan cable performance	52909/00	5/24/00	776,489	12/23/04
2316.1897		AU	Cable assembly with molded stress relief and method for making the same	50449/00	5/25/00	771,336	7/1/04
2316.1906		AU	Cable with twisting filler	56706/99	8/6/99	758261	7/10/03
2316.1912		AU	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	2005305007	11/2/05	2005305007	9/9/10
2316.2069		AU	LOOP PLUG	2006208074	1/27/06	2006208074	9/23/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2078		AU	CABLE MANAGEMENT BAR AND PATCH PANEL	2006231625	3/29/06	2006231625	9/8/11
2316.2109		AU	FIBER OPTIC CONNECTOR HOLDER	2006276114	7/20/06		
2316.2113		AU	CABLE TROUGH SYSTEM AND METHOD	2006302511	9/29/06	2006302511	1/6/11
2316.2113		AU	CABLE TROUGH SYSTEM AND METHOD	2010257337	12/21/10		
2316.2114		AU	FIBER OPTIC SPLITTER MODULE	2006249424	5/18/06	2006249424	12/1/11
2316.2115		AU	Fiber Optic adapter Module Consisting of Plurality of Integrally Formed Adapters	2006249421	5/18/06	2006249421	10/20/11
2316.2116		AU	FIBER OPTIC ADAPTER MODULE	2006276202	7/19/06		
2316.2126		AU	SYSTEMS AND METHODS FOR LIFTING A TERMINAL ENCLOSURE IN BELOW GROUND APPLICATIONS	2006249425	5/18/06		
2316.2140		AU	SPLICE CHIP DEVICE	2006283163	8/22/06	2006283163	12/1/11
2316.2143		AU	STACKABLE SPLICE CHIP DEVICE	2006283165	8/22/06	2006283165	12/15/11
2316.2146		AU	CABINET INCLUDING OPTICAL BULHEAD PLATE FOR BLOWN FIBER	2006284731	8/30/06	2006284731	5/24/12
2316.2179		AU	TELECOMMUNICATIONS JACK WITH CROSSTALK COMPENSATION PROVIDED ON A MULTI-LAYER CIRCUIT BOARD	2007238784	4/10/07	2007238784	10/27/11
2316.2300		AU	SYSTEMS AND METHODS FOR HINGED PARKING IN FIBER DISTRIBUTION HUBS	2006236319	4/19/06		
2316.2306		AU	HIGH DENSITY COAXIAL JACK	2007243497	4/19/07	2007243497	3/3/11
2316.2314		AU	FIBER OPTIC SPLITTER MODULE	2007215468	2/6/07	2007215468	1/17/13
2316.2314		AU	FIBER OPTIC SPLITTER MODULE	2012265621	12/20/12	2012265621	4/3/14
2316.2367		AU	INTELLIGENT PATCHING SYSTEM AND METHOD	2007229834	3/16/07	2007229834	5/19/11
2316.2378		AU	Telecommunications Jack with Crosstalk Compensation and Arrangements for Reducing Return Loss	2007238783	4/10/07	2007238783	10/13/11
2316.2379		AU	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	2007238780	4/10/07	2007238780	10/13/11
2316.2379		AU	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	2011226922	9/28/11		
2316.2379		AU	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	2015202412	5/6/15		
2316.2396		AU	MULTI-PAIR CABLE WITH VARYING LAY LENGTH	2007261609	6/6/07	2007261609	8/29/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2443		AU	Staggered Plastic Patch Panel with Upgrade features for conversion to Physical Layer Management	2007308182	10/10/07	2007308182	2/2/12
2316.2459		AU	Network Interface Device	2007329668	11/20/07		
2316.2460		AU	HARDENED FIBER OPTIC CONNECTOR	2008207974	1/23/08	2008207974	7/3/14
2316.2460		AU	HARDENED FIBER OPTIC CONNECTOR	2014203344	6/19/14		
2316.2481		AU	CABLE SPLINT	2008312657	10/14/08		
2316.2498		AU	HARDENED FIBER OPTIC ADAPTER	2008209383	1/3/08		
2316.2601		AU	Mini Drop Terminal	2008310798	10/9/08	2008310798	3/6/14
2316.2601		AU	Mini Drop Terminal	2014200789	2/14/14		
2316.2632		AU	SPLICE TRAY HOLDER	2008316752	10/24/08		
2316.2652		AU	LOW PROFILE FIBER DISTRIBUTION HUB	2008318753	10/29/08	2008318753	5/15/14
2316.2652		AU	LOW PROFILE FIBER DISTRIBUTION HUB	2014202331	4/30/14		
2316.2660		AU	Hardened Fiber Optic Connector System with Multiple Arrangements	2008335251	12/9/08	2008335251	5/15/14
2316.2660		AU	HARDENED FIBER OPTIC CONNECTOR SYSTEM WITH MULTIPLE ARRANGEMENTS	2014202329	4/30/14		
2316.2665		AU	Asymmetric Compensation for Improved Alien Crosstalk Performance	2009214686	2/12/09		
2316.2666		AU	Improved Far End Crosstalk Compensation	2009214688	2/12/09		
2316.2666		AU	MULTISTAGE CAPACITIVE CROSSTALK COMPENSATION ARRANGEMENT	2015200609	2/9/15		
2316.2667		AU	Multi-Fiber Fiber Optic Cable	2009228104	3/27/09		
2316.2670		AU	TELESCOPING COVER FOR CABLE TROUGH SYSTEM	2008333853	12/4/08		
2316.2671		AU	FLEXIBLE COVER FOR CABLE TROUGH SYSTEM	2008333854	12/4/08	2008333854	8/15/13
2316.2686		AU	TERMINATE HARDENED MULTI-FIBER CONNECTOR ONTO UNLIMITED LENGTHS OF FIBER	2009223230	3/13/09	2009223230	2/27/14
2316.2692		AU	Wall Box Adapted to be Mounted at a Mid-Span Access Location of a Telecommunications Cable	2009204170	1/8/09		
2316.2700		AU	WAVELENGTH DIVISION MULTIPLEXING MODULE	2009209134	1/29/09	2009209134	2/27/14
2316.2712		AU	Fiber Optic Cable	2009260538	5/28/09		
2316.2712		AU	FIBER OPTIC CABLE	2015201683	4/1/15		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2726		AU	Splice of Fiber Optic Cables	2009285650	8/28/09		
2316.2729		AU	Adapter Plate with Angled Openings and Method of Manufacture	2009228859	3/16/09		
2316.2743		AU	REAR LATCH ARRANGEMENT FOR SLIDING DRAWER	2009228871	3/17/09	2009228871	2/20/14
2316.2745		AU	DRAWER ARRANGEMENT WITH RACK AND PINION	2009244486	5/4/09		
2316.2788		AU	Cable Anchoring Device	2009238434	4/16/09		
2316.2802		AU	METHODS AND SYSTEMS FOR DISTRIBUTING FIBER OPTIC TELECOMMUNICATIONS SERVICES TO LOCAL AREA	2009259962	6/19/09		
2316.2812		AU	MODULAR FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	2009293407	9/16/09		
2316.2821		AU	FLEXIBLE EXTRUDED CABLE MOLDING SYSTEM, METHODS, AND TOOLS	2009260585	5/27/09		
2316.2826		AU	FLAT DROP CABLE	2009320044	10/28/09		
2316.2832		AU	FIELD TERMINABLE FIBER OPTIC ASSEMBLY	2009268471	7/10/09		
2316.2863		AU	Telecommunications Jack with Adjustable Crosstalk Compensation	2009324883	11/25/09		
2316.2941		AU	Ruggedized Fiber Optic/Electrical Connection System	2011212790	2/4/11		
2316.2949		AU	RAPID UNIVERSAL RACK MOUNT DRAWER	2010276211	7/21/10		
2316.2949		AU	RAPID UNIVERSAL RACK MOUNT DRAWER	2015200424	1/29/15		
2316.3052		AU	NON-ARMORED RODENT RESISTANT CABLE	2010321863	11/19/10		
2316.3057		AU	Fiber Optic Cable Assembly	2010321868	11/19/10		
2316.3080		AU	INSECT-INFESTATION PREVENTION DEVICE FOR TELECOMMUNICATIONS EQUIPMENT	2011209792	1/24/11		
2316.3114		AU	CONTACT SET ARRANGEMENT FOR RIGHT ANGLE JACK	2011318269	10/14/11		
2316.3136		AU	RUGGEDIZED MULTI-FIBER FIBER OPTIC CONNECTOR WITH SEALED DUST CAP	2013323714	9/25/13		
2316.3145		AU	TELECOMMUNICATIONS ASSEMBLY	2011270834	6/23/11		
2316.3145		AU	TELECOMMUNICATIONS ASSEMBLY	2015202664	5/18/15		
2316.3185		AU	FIBER OPTIC CABLE WITH ELECTRICAL CONDUCTORS	2012217824	2/14/12		
2316.3199		AU	MANAGED FIBER CONNECTIVITY SYSTEMS	2012242635	4/13/12		
2316.3201		AU	Strain Relief Boot for a Fiber Optic Connector	2012229135	3/15/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3202		AU	FIBER OPTIC CONNECTOR FOR 1.2 MM CABLE	2012229131	3/15/12		
2316.3202		AU	FIBER OPTIC CONNECTOR FOR 1.2 MM CABLE	2014256343	10/29/14		
2316.3207		AU	FIBER OPTIC CASSETTE, SYSTEM, AND METHOD	2012321127	10/5/12		
2316.3218		AU	DROP CABLE WITH BALANCED STRENGTH MEMBER	2012285834	7/23/12		
2316.3238		AU	Fiber Termination Enclosure with Internal Cable Spool Assembly	2012272693	6/22/12		
2316.3246		AU	Component Identification and Tracking System for Telecommunication Networks	2012255814	5/16/12		
2316.3259		AU	MULTI-FIBER CONNECTOR WITH SIDE LOADING OF FERRULE	2012340980	10/30/12		
2316.3312		AU	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT	2012318396	10/5/12		
2316.3312		AU	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT	2015201709	4/2/15		
2316.3328		AU	Cable Anchoring System for a Fiber Optic Enclosure	2013256244	5/2/13		
2316.3395		AU	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	2013203887	2/20/13		
2316.3395		AU	IN-CONNECTOR SPLICE AND METHOD OF ASSEMBLY	2015202687	5/19/15		
2316.3399		AU	FIBER OPTIC ADAPTER BLOCK	2013203864	1/11/13		
2316.3399		AU	FIBER OPTIC ADAPTER BLOCK	2015200320	1/23/15		
2316.3446		AU	DEPLOYING OPTICAL FIBERS USING INDEXING TERMINALS	2013237883	3/29/13		
2316.3448		AU	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	2013262558	11/19/14		
2316.3473		AU	RUGGEDIZED FIBER OPTIC CONNECTOR	2013266657	5/20/13		
2316.3477		AU	SPLICE CASSETTES AND CHIPS	2013266226	5/23/13		
2316.3478		AU	SPLICE CHIPS FOR OPTICAL FIBER SPLICE CASSETTES	2013266230	5/23/13		
2316.3528		AU	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	2013290212	7/10/13		
2316.3528		AU	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES				
2316.3554		AU	FIBER OPTIC CASSETTE	2013323659	9/25/13		
2316.3555		AU	MANUFACTURE AND TESTING OF FIBER OPTIC CASSETTE	2013323664	9/25/13		
2316.3674		AU	TELECOMMUNICATIONS CONNECTION DEVICE	2014101389	6/9/14		
2316.3718		AU	System and Method for Applying an Adhesive Coated Cable to a Surface	2013334156	10/25/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-006	AU	Z Form Insulation Displacement Contact (Electrical power outlet)	200162143	3/29/01	785141	1/18/07
	00-015	AU	Electrical Connector	2001278510	7/26/01	2001278510	1/7/05
	01-004	AU	Universal adapter	2002327890	7/27/02	2002327890	4/3/08
	02-006	AU	Patch Cord Connector	2003254359	7/16/03	2003254359	7/5/07
	03-002	AU	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	2004219120	2/27/04	2004219120	5/28/09
	06-001	AU	Connection module for connecting at least two wires	2006202881	7/10/06	2006202881	3/8/12
	00-010	AU	Electrical connector with power socket	2006241314	11/22/06	2006241314	6/24/10
	05-013	AU	Mounting apparatus for line and plug-in connecting elements	2006281645	8/4/06	2006281645	10/28/10
	07-018	AU	Electrical Connector	2007201102	3/14/07	2007201102	2/17/11
	07-022	AU	Electrical Connector	2007201105	3/14/07	2007201105	11/17/11
	07-021	AU	Electrical Connector	2007201106	3/14/07	2007201106	8/11/11
	07-020	AU	Electrical Connector	2007201107	3/14/07	2007201107	10/6/11
	07-019	AU	Electrical Connector	2007201108	3/14/07	2007201108	5/24/12
	07-017	AU	Electrical Connector	2007201109	3/14/07	2007201109	2/17/11
	07-016	AU	Electrical Connector	2007201113	3/14/07	2007201113	12/22/11
	07-015	AU	Electrical Connector	2007201114	3/14/07	2007201114	7/21/11
	06-012	AU	Detachable Cable Manager	2007237248	11/29/07	2007237248	10/13/11
	06-005	AU	Electrical Connector	2007247541	4/16/07	2007247541	1/13/11
	06-011	AU	Shielding Device	2007299321	7/18/07	2007299321	11/10/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	06-014	AU	Electrical connector having a dust cover	2007349106	7/18/07	2007349106	3/22/12
	06-013	AU	An Electrical Connector	2007350603	7/18/07	2007350603	1/5/12
	06-015	AU	Electrical Connector having a protective door element	2008202393	5/30/08	2008202393	10/13/11
	08-007	AU	Elektrischer Steckverbinder	2008229732	10/1/08		
	07-030	AU	Fiber optical enclosure	2008238301	4/2/08	2008238301	1/17/13
	07-023	AU	Power Outlet	2008247297	4/2/08	2008247297	1/19/12
	08-033	AU	Plug	2009202284	6/9/09		
	09-013	AU	Junction Box	2009213018	9/9/09		
	08-028	AU	Enclosure for housing splice trays	2009213052	9/10/09		
	09-016	AU	Apparatus for mechanically splicing optic fibres	2009227906	10/21/09		
	08-006	AU	Cable housing	2009231088	2/24/09		
	08-009	AU	Printed circuit board for electrical connector	2009248414	4/29/09	2009248414	5/29/14
	08-012	AU	Assembly for dispensing telecommunications cable from a reel	2009253472	3/3/09		
	08-022	AU	Electrical connector having movable protective shield	2009287404	7/31/09		
	08-030	AU	Apparatus for accommodating components from telecommunications and data technology	2009319401	10/27/09		
	09-008	AU	Patch panel for an optical distribution frame	2009342244	12/16/09		
	10-006	AU	Method and apparatus for mechanically cleaving a stripped end section of an optic fibre core	2010200788	3/2/10		
	10-007	AU	Apparatus for mechanically splicing optic fibres	2010200818	3/3/10		
	10-010	AU	Method and apparatus for mechanically splicing two optic fibres	2010202338	6/4/10		
	09-001	AU	Telecommunications Connector	2010205891	1/8/10		
	10-016	AU	Wire termination tool	2010241275	11/5/10		
	10-017	AU	Vacuum clamp system	2010241458	11/16/10		
	06-005	AU	Electrical Connector	2010246491	4/16/07	2010246491	7/15/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	10-020	AU	Assembly for dispensing cable	2010257221	12/15/10		
	11-006	AU	Cable connection and hauling	2011201944	4/29/11		
	11-012	AU	Apparatus for transmission testing of a telecommunications jack	2011202975	6/21/11		
	11-014	AU	Surface-Mountable Enclosure	2011205016	7/27/11		
	11-018	AU	Telecommunications cabling system	2011265514	12/23/11		
	11-020	AU	Shielding interface for an electrical connection module	2011265515	12/23/11		
	11-019	AU	Electrical connection module	2011265516	12/23/11		
	11-005	AU	Distribution connection module	2011367429	12/2/11		
	11-001	AU	Fiber-optic connection arrangement and adapter sleeve	2012219182	2/10/12		
	11-007	AU	Distribution strip and distribution block comprising at least two distribution strips	2012258120	3/28/12		
	11-018	AU	Telecommunications cabling system	2012357640	12/20/12		
	TY-00119	AU	Connector and Connector Assembly	2013223760	2/19/13		
	NT-00426	AU	A Communications Cable	2014240269	10/2/14		
	98-023	AU	Electrical Connector	40151/99	7/16/99	763181	10/30/03
	00-010	AU	Electrical connector with power socket	42444/02	5/22/02	784652	11/30/06
	96-018	AU	Clamping device	44326/97	11/3/97	726208	2/15/01
	98-025	AU	Shielding device for connection strips in telecommunications and data engineering	53612/99	10/12/99	762075	10/2/03
	99-002	AU	Surge arrester mounting unit for telecommunications and data systems equipment	63168/99	12/6/99	761358	9/25/03
	MP1430	AU	A Robust Optical Signal Transmission System				
	MP0172	AU	Cohesive Sealant Articles	7493174	10/31/74	493635	11/1/78
	MP0192	AU	Heat-Recoverable Article With Self-Contained Heater	85232/75	9/26/75	504000	2/13/80
	MP0192	AU	Heat-Recoverable Article With Self-Contained Heater	49525/79	9/26/75	526669	1/27/83
	MP0219	AU	Expandable Heater With Apertured Electrodes	2035276	12/8/76	512189	12/8/76
	MP0867	AU	Laminar Electrical Heaters	27896/84	5/10/84	580552	5/18/89
	MP1086	AU	Devices Comprising PTC Conductive Polymers	63506/86	10/2/86	594379	6/26/90

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	SG002	AU	Heat Shrinkable Wrap Around Closure	44196	2/13/79	518788	2/13/79
	07-036	AU	Distribution cabinet with a plurality of inner bodies	2008226013	3/13/08	2008226013	6/21/12
	00-002	AU	Compensation device for an electrical connector	24909/01	3/7/01	777091	1/27/05
	00-002	AU	Compensation device for an electrical connector	PQ6099/00	3/8/00		
	00-004	AU	Duplex connector for fiber clips	2001263797	3/21/01	2001263797	5/4/06
	00-006	AU	Z Form Insulation Displacement Contact (Electrical power outlet)	PQ6843/00	4/11/00		
	00-007	AU	Electrical connector with spaced contact portions	PQ7179/00	4/28/00		
	00-008	AU	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	2001283826	5/30/01	2001283826	6/23/05
	00-009	AU	Connection module with overvoltage device	2001279632	5/30/01	2001279632	6/9/05
	00-010	AU	Electrical connector with power socket	PQ8307/00	6/22/00		
	00-010	AU	Electrical connector with power socket	PR5919	6/26/01		
	00-011	AU	Multi wire insulation displacement contact and a method of making multi wire terminations	PQ8199/00	6/16/00		
	00-012	AU	Assembly and method for use in terminating an optical fiber or fibers	2001262551	6/11/01	2001262551	1/20/06
	00-017	AU	Coupling device for glass fiber connectors	2002220560	9/21/01	2002220560	9/21/06
	02-005	AU	Distribution box connection module for telecommunications and data technology	2003250998	7/18/03	2003250998	8/16/07
	02-005	AU	Distribution box connection module for telecommunications and data technology	2007203104	7/3/07	2007203104	4/23/09
	02-006	AU	Patch Cord Connector	2002950339	7/23/02		
	03-003	AU	Overvoltage protection magazine for a telecommunications device	2004230460	3/26/04	2004230460	10/8/09
	03-005	AU	Conductor connection module for printed circuit boards	2004302244	6/24/04	2004302244	2/4/10
	03-006	AU	Distribution board connection module	2004305612	8/12/04	2004305612	10/8/09
	98-010	AU	Electrical Connector	98214/98	12/24/98	741657	12/6/01
	04-004	AU	Connection module for telecommunications and data technology	2005281942	8/30/05	2005281942	6/10/10
	04-008	AU	Multi wire insulation displacement contact and a method of making multi wire terminations	2004904412	8/5/04		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	04-008	AU	Multi wire insulation displacement contact and a method of making multi wire terminations	2005203509	8/5/05		
	04-009	AU	Tool for connecting cable cores	2005306144	10/31/05	2005306144	9/30/10
	04-010	AU	Distribution board connection module	2005300707	10/31/05		
	04-011	AU	Distribution board connection module	2005300706	10/31/05		
	04-014	AU	Cable connector for printed circuit boards	2005325005	11/3/05	2005325005	12/10/09
	05-005	AU	Plug connection	2006230990	3/1/06	2006230990	6/24/10
	05-010	AU	Protective plug for distribution frame devices for telecommunications and data technology	2006261240 PCT/EP20	6/13/06	2006261240	8/5/10
	06-005	AU	Electrical Connector	2006902434	5/9/06		
	06-009	AU	Connector Block	2006904009	7/25/06		
	06-009	AU	Connector Block	2007278522	7/18/07	2007278522	11/10/11
	06-010	AU	Connector Block	2007278523	7/18/07	2007278523	1/19/12
	06-010	AU	Connector Block	2006904010	7/25/06		
	06-011	AU	Shielding Device	2006905178	9/19/06		
	06-012	AU	Detachable Cable Manager	2006906728	11/30/06		
	06-013	AU	An Electrical Connector	2007901719	3/30/07		
	06-014	AU	Electrical connector having a dust cover	2007901337	3/14/07		
	06-015	AU	Electrical Connector having a protective door element	2007903724	7/10/07		
	06-019	AU	Power line communications coupler	2006901735	4/4/06		
	07-007	AU	Cable Management Device	2007344522	12/13/07		
	07-007	AU	Cable Management Device	2007900234	1/18/07		
	07-023	AU	Power Outlet	2007902395	5/4/07		
	07-025	AU	Connecting strip and contact element for telecommunications and data technology	2008258375	5/16/08	2008258375	5/24/12
	07-039	AU	TELECOMMUNICATIONS PATCH PANEL	2007904848	9/6/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	07-039	AU	TELECOMMUNICATIONS PATCH PANEL	2008202400	5/30/08	2008202400	11/17/11
	07-043	AU	Broadband over power line loom, PLL	2008313348	8/28/08		
	08-005	AU	Connection module	2008901358	3/19/08		
	08-006	AU	Cable housing	2008901578	4/2/08		
	08-007	AU	Elektrischer Steckverbinder	2008901746	4/10/08		
	08-009	AU	Printed circuit board for electrical connector	2008902398	5/15/08		
	08-011	AU	Labelling assembly	2008902676	5/28/08		
	08-012	AU	Assembly for dispensing telecommunications cable from a reel	2008902701	5/29/08		
	08-022	AU	Electrical connector having movable protective shield	2008904500	8/29/08		
	08-023	AU	Connector block	2008904784	9/15/08		
	08-024	AU	Telecommunications outlet box	2008905001	9/25/08		
	08-027	AU	Enclosure for housing splice trays	2008905565	10/28/08		
	08-027	AU	Enclosure for housing splice trays	2009213051	9/10/09		
	08-028	AU	Enclosure for housing splice trays	2008905554	10/28/08		
	08-029	AU	Cradle for Coupling a Connector Module to a mount	2008905825	11/12/08		
	08-033	AU	Plug	2008906544	12/19/08		
	09-001	AU	Telecommunications Connector	2009900199	1/19/09		
	09-003	AU	Overvoltage protection magazine or plug and method for the production of an overvoltage protection magazine or plug	2009340812	12/18/09		
	09-005	AU	Strain relief device	2009342056	12/16/09		
	09-006	AU	Labelling assembly	200900800	2/27/09		
	09-007	AU	Consolidation point enclosure	2009200824	3/3/09		
	09-010	AU	Chassis for coupling a stack of two or more telecommunications modules to a front side of a racking system	2009202010	5/21/09		
	14000	AU	LAN COMMUNICATION SYSTEM AND MEDIUM ADAPTER FOR USE THEREWITH-Communication	15709/88	3/21/88	600577	8/16/90

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	17587	AU	Wiring Panel to Connect Security System to DSL Line Using Modem to Separate Voice From Data Signals	2002232756	12/21/01		
	17587	AU	Wiring Panel to Connect Security System to DSL Line Using Modem to Separate Voice from Data Signals	2006235937	11/9/06		
	17968	AU	NETWORK CONNECTION SENSING MODULE	2003291309	11/5/03	2003291309	9/13/07
	17969	AU	PLUG AND BLOCK CONNECTOR SYSTEM FOR DIFFERENTIAL CONTACT PAIRS	2003297091	12/12/03	2003297091	12/4/08
	18013	AU	CABLE JACKET WITH INTERNAL SPLINES	2004210536	9/9/04		
	18044	AU	NETWORK CONNECTION SENSING ASSEMBLY	2004247233	6/8/04		
	18079	AU	CABLE HAVING A FILLER	2004222769	10/20/04		
	18138	AU	SEALED ELECTRICAL CONNECTOR HAVING INTERNAL LATCHING MECHANSIM THEREFORE	2005233912	3/15/05		
	18148	AU	INTERFACE MODULE	2005246782	5/13/05		
	18150	AU	Telecommunications Patch Panel with Angled Connector Modules	2005239574	4/12/05		
	18180	AU	NON-ORTHOGONAL CABLE MANAGEMENT SYSTEM	2005238880	4/12/05		
	41234	AU	Electrical Connector for Data and Energy Supply	2004310758	11/15/04	2004310758	9/8/08
	41235	AU	Connector Socket	2004311206	11/15/04	2004311206	11/12/09
	4935	AU	MODULAR TELEPHONE PLUG	83/14205	5/4/83	560322	7/13/87
	61019	AU	METHOD AND APPARATUS FOR TESTING FIBER OPTIC HUBS	1988024055	10/20/88	608907	4/18/91
	80-009	AU	Surge-protected cable joint	70865/81	5/20/81	541649	5/9/98
	80-012	AU	A tool for electrically connecting insulated wires	70828/81	5/19/81	547489	2/26/86
	80-015	AU	A plug for masking switching contacts	70826/81	5/19/81	548197	4/1/86
	80-128	AU	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	67594/81	2/24/81	543140	8/22/85
	80-129	AU	A twin contact terminal element	67142/81	2/10/81	543522	8/30/85
	80-130	AU	Universal connector for a solderless, screwless and stripless system for testing, connecting and isolating conductor tracks	52729/86	1/24/86	574559	10/26/88
	80-130	AU	Universal connector for a solderless, screwless and stripless system for testing, connecting and isolating conductor tracks	52730/86	1/24/86	580652	7/18/89
	80-130	AU	Universal connector for a solderless, screwless and stripless system for testing, connecting and isolating conductor tracks	70827/81	5/19/81	547685	3/5/86

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	80-131	AU	A connector device for testing a cable wire relative to all other cable wires within a contact element	71029/81	5/26/81	545914	12/16/85
	80-132	AU	A self supporting terminal element	67375/81	2/17/81	541768	6/12/85
	81-135	AU	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	87035/82	8/10/82	552094	8/10/82
	82-030	AU	Modular plug connector	90631/82	11/16/82	551942	10/27/86
	82-035	AU	Terminal element for cable wires and drop wire cables	13801/83	4/20/83	563795	10/29/87
	83-040	AU	A terminal strip	26316/84	4/2/84	569068	5/3/88
	83-140	AU	A cable distribution head	21799/83	11/29/83	567522	3/4/88
	83-142	AU	A heat protection device for over-voltage arrester magazines	29346/84	6/13/84	571234	7/27/88
	84-016	AU	Multipolar plug	51119/85	12/11/85	577748	12/15/89
	84-147	AU	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	17411/88	6/6/88	596897	9/3/90
	84-147	AU	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	30934/84	7/23/84	575573	11/28/88
	85-003	AU		58592/86	6/12/86		
	86-019	AU	Connector bank for cable wires, in particular for telephone cables	72279/87	4/30/87	596171	8/10/90
	86-064	AU	A casing, particulary a junction-box casing for telecommunications engineering	75724/87	7/16/87	593669	6/6/90
	86-066	AU	Cutting/clamping terminal element for electrical conductors	80841/87	11/5/87	598052	10/3/90
	86-069	AU	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	81998/87	12/2/87	602739	
	87-008	AU	Connector block with normally open or switching contacts	74294/87	6/16/87	595890	7/30/90
	87-075	AU	Connector bank for telecommunication devices	20474/88	8/5/88	595464	7/16/90
	87-077	AU	Device for holding connector banks in telecommunication systems	16987/88	6/2/88	611441	10/4/91
	87-078	AU	Connection device for telecommunications	33095/89	4/17/89	612822	11/8/91
	87-078	AU	Connection device for telecommunications	83187/87	12/31/87	610845	9/25/91

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	87-165	AU	Terminal Unit	17379/88	6/3/88	609486	8/19/91
	87-166	AU	Terminal unit for cable pairs in Telecommunication systems	17378/88	6/13/88	606163	5/23/91
	87-170	AU	Electric Circuit Board Mounting	31763/89	3/28/88	611271	9/27/91
	88-006	AU		14793/88	4/20/88	597816	
	88-086	AU	Tool for connecting cable wires	28920/89	1/31/89	613146	11/19/91
	88-088	AU	Protective plug for connector or disconnector banks	32634/89	4/10/89	619269	1/23/92
	88-091	AU	Receiving pre-amplifier for an optical telecommunication line	32649/89	4/11/89	614595	1/8/92
	88-092	AU		24097/88	10/20/88		
	88-095	AU	Contact member of electrical conductors	28524/92	11/20/92	657810	7/11/95
	88-095	AU	Contact member of electrical conductors	41644/89	9/22/89	627224	1/12/93
	88-098	AU	Plug connector for telecommunication and data systems	45569/89	11/27/89	615811	2/7/92
	88-159	AU	Connecting element for optical waveguides	23384/88	9/30/88	604357	4/10/91
	88-313	AU	Component for connection strip	40260/89	8/25/88	620133	6/15/92
	89-005	AU	Protection plug for connector banks of telecommunication and data systems	20354/92	7/16/92	649853	9/20/94
	89-005	AU	Protection plug for connector banks of telecommunication and data systems	50677/90	3/5/90	628483	1/22/93
	89-006	AU	Connector banks with voltage surge protection	54984/90	5/15/90	630445	2/19/93
	89-010	AU	Wire connector for cable wires, in particular of telecommunication cables	62063/90	8/31/90	648988	9/6/94
	89-101	AU	Plug connector	46820/89	12/14/89		
	89-102	AU	Shield connecting element for a connector bank	48851/90	1/26/90	624671	10/12/92
	89-192	AU	Electrical Connector	68208/90	12/18/90	646204	8/6/98
	90-002	AU	Voltage limiter	68654/91	1/2/91	655916	5/4/95
	90-004	AU			2/4/91		
	90-006	AU	Connecting block for the telecommunication and data technology	70244/91	2/4/91	637956	10/6/93
	90-009	AU	Device for displaying announcements, in particular prices in numerical form	74113/91	4/4/91	653714	2/10/95
	90-011	AU	Terminal block for telecommunications systems	74103/91	4/5/91	646028	5/20/95
	90-012	AU	Cutting Clamping Contact	77228/91	5/20/91	638388	10/19/93

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-015	AU	Protective circuit and protective device plug for telecommunication installations	80194/91	7/4/91	654960	3/23/95
	90-021	AU			10/4/91		
	91-010	AU		17306/92	6/1/92		
	91-013	AU	Terminal bank for the telecommunication and data technology	20604/92	7/28/92	659849	9/19/95
	91-014	AU	Cutting and clamping sleeve contact	20772/92	8/3/92	656606	5/25/95
	91-022	AU	Switching assembly for glass fibre cables of the telecommunication and data technology	21176/92	8/19/92	656607	5/25/95
	92-004	AU	Case, in particular cable branching case	33826/93	12/25/93	655872	5/2/95
	92-006	AU	Cutting and clamping Terminal Element	32857/93	2/5/93	4207369	1/9/96
	92-013	AU	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	41359/93	6/21/93	665692	4/30/96
	92-014	AU	Split flap display device	41437/93	6/23/93		
	92-015	AU	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	44565/93	8/11/93		
	92-019	AU	Method for elctronically labelling articel	50630/93	11/11/93		
	92-022	AU	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	47521/93	9/15/93	668221	8/13/96
	92-024	AU	Signal-connector with capacitive adjustment for improved crosstalk parameters	46244/93	9/10/93	667946	7/30/96
	92-025	AU	Method and arrangement for optically representing information	46246/93	9/10/93		
	93-006	AU		52593/93	12/21/93		
	93-016	AU	Circuit Board	57727/94	3/5/93		
	93-017	AU	Method for monitoring the filing levels of material of value collection containers	60690/94	4/27/94		
	93-020	AU	Termination module	60687/94	4/27/94	672100	1/7/97
	93-023	AU	Connection block for high speed transmission in the telecommunication and data system	46245/93	9/10/93	674155	12/12/96
	93-030	AU	Terminal block	57565/94	3/3/94	672470	1/22/97
	93-032	AU	Electrical Plug Connector	73069/94	9/20/94	682379	1/22/98
	93-034	AU	Termination unit for telecommunication and data lines	77480/94	10/26/94	674790	4/29/97

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	93-036	AU	Coupling device between a glass fibre and a dielectric waveguide	77665/94	11/8/94		
	93-040	AU	Process for reducing the tearability of a thermally shrinkable web	59169	3/30/94	671000	
	94-003	AU	Digital electronic Loop Crossconnect & Carrier System	78952/94	11/21/94		
	94-007	AU	Insulation displacement contact element	77577/94	10/31/94	680947	12/4/97
	94-014	AU	Test plug	64572/94	6/6/94	675528	5/26/97
	94-015	AU	Housing for optical components	13578/95	3/1/95	685895	5/14/98
	94-022	AU	Electrical Plug Connector	17961/95	5/9/95	685594	5/7/98
	94-025	AU	Printed Circuit Board for Connectors	71674/94	9/6/94	676752	7/10/97
	94-027	AU	Manufacturing process for structured metal plating on surfaces	72823/94	9/9/94		
	94-030	AU	Electrical Connector	PM7600/94	8/22/94		
	94-031	AU	Protection plug	21809/95	6/20/95	681511	12/18/97
	94-035	AU	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	25095/95	7/20/95	692872	12/10/98
	94-036	AU	Cable protection element	17887/95	5/5/95		
	94-037	AU	19"Racking system	17888/95	5/5/95		
	95-006	AU	Electrical Connectors	50614/96	4/12/96	701352	5/13/99
	95-010	AU	Electrical Connector	64233/96	8/23/96	704840	8/12/99
	95-012	AU	Distribution device for telecommunications and data technique	24006/99	4/28/99	720660	9/21/00
	95-012	AU	Distribution device for telecommunications and data technique	62154/96	8/20/96	708577	11/18/99
	95-013	AU	Termination device for the telecommunication and data technique	65520/96	9/9/96	705019	8/19/99
	95-016	AU	Terminal block for high transmission rates	60891/96	8/2/96	701705	5/20/99
	95-019	AU	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	64258/96	8/26/96		
	96-001	AU	Electronic access control and security system	12449/97	2/3/97	707125	10/14/99
	96-002	AU	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	12513/97	2/4/97	713077	3/9/00
	96-005	AU	Management-capable splice cassette	12448/97	2/3/97	711641	2/3/00

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-006	AU	Earthing module	16634/97	4/1/97	714488	
	96-007	AU	Termination tool	16633/97	4/1/97	715098	5/4/00
	96-011	AU	High density high performance connector	21397/97	5/15/97	713140	3/9/00
	96-013	AU	Connecting terminal	28525/97	7/9/97	720307	9/7/00
	96-019	AU	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	44328/97	11/3/97	741392	11/29/01
	96-020	AU	Terminal, isolating or connecting strip	47649/97	12/9/97	740386	2/14/02
	96-021	AU	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	44327/97	11/3/97	736804	11/15/01
	97-002	AU	Outdoor housing	55392/98	2/20/98	730104	6/7/01
	97-003	AU	Protection Plug	53883/98	2/12/98	729951	5/31/01
	97-008	AU	Arrangement of contact pairs for compensation of near-end crosstalk	53884/98	2/12/98		
	97-012	AU	Distribution block for telecommunication and data technology	56408/98	3/3/98	733918	
	97-013	AU	Stationary housing with wall elements made of plastic	56409/98	3/3/98		
	97-014	AU	A Method and Apparatus for Testing an Electrical Component	PO5253/97	2/21/97		
	97-015	AU	Connecting element	34252/97	8/19/97		
	97-016	AU	Overvoltage protection module	63744/98	5/1/98	737744	12/13/02
	97-017	AU	Safety Plug (Terminator)	34251/97	8/19/97		
	97-018	AU	Overvoltage protection plug with fail-safe device	63767/98	5/4/98	736734	11/15/01
	97-019	AU	Interface module	63768/98	5/4/98		
	97-020	AU	Cable Patch Device	20810/97	5/14/97	686546	2/5/98
	97-023	AU	Method for designing a telecommunications and data network	95296/98	8/6/98		
	97-028	AU	Apparatus for connecting cable cores	89274/98	10/14/98	739932	2/7/02
	97-031	AU	Electrical power outlet with IDC connections	90449/98	10/30/98	749119	10/24/02
	97-031	AU	Electrical power outlet with IDC connections	PP0680/97	12/2/97		
	97-032	AU	Patch Panel with retractable patch cord	97155/98	12/17/98	742754	5/2/02
	98-001	AU	Optical fibre connector	49216/97	12/22/97	698116	10/22/98

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-001	AU	Optical fibre connector	PP1091/97	12/22/97		
	97-031	AU	Electrical power outlet with IDC connections	2002301093	9/19/02	2002301093	2/18/05
	98-002	AU	Support body for an electrical contact arrangement	26207/99	1/21/99		
	98-011	AU	Electrical Connector	28137/99	5/13/99	765366	9/18/03
	98-023	AU	Electrical Connector	2002100153	2/28/02	2002100153	3/27/02
	98-023	AU	Electrical Connector	2002100154	2/28/02	2002100154	3/27/02
	98-010	AU	Electrical Connector	62829/98	4/20/98	696048	8/27/98
	98-010	AU	Electrical Connector	PP3084/98	4/20/98		
	98-011	AU	Electrical Connector	PP3802/98	5/29/98		
	98-013	AU	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	41433/99	5/12/99	746885	8/15/02
	98-022	AU	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-023	AU	Electrical Connector	PP4849/98	7/24/98		
	98-024	AU	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	99-006	AU	Device for mounting terminal strips for telecommunication, control power and data technology	PCT/EP00/01685	2/29/00		
	99-008	AU	Unit with wire termination and RJ style plug	PCT/EP00/04882	5/29/00		
	99-011	AU	Multi-contact electrical connector	PQ0651/99	5/28/99		
	99-012	AU	Multi-contact electrical connector	30205/00	4/28/00	732218	4/12/01
	99-012	AU	Multi-contact electrical connector	PQ0781/99	6/4/99		
	99-017	AU	Connecting cable with an electrical plug connection	PCT/EP00/11348	11/16/00	778891	4/21/05
	AE436	AU	Shielded Electrical Connector	1996065693	9/18/96	704593	4/29/99
	E-TO-00029	AU	Modular Plug with Slider Latch	2006302576	10/2/06		
	E-TO-00091	AU	Connector Receptacle Assembly	2007225136	3/13/07		
	ITRACS001	AU	A System for Monitoring Connection Pattern of Data Ports	39950/00	4/5/00	767105	2/12/04
	MP0122	AU	Wraparound Closure Sleeve	31971	8/3/71	473246	8/3/71
	MP0220	AU	Pressurized Splice Case	20353/76	12/8/76	513231	12/8/76
	MP0245COM	AU	Method For Form Closure Using Ht Recover Sheet Material	31586/77	12/15/77		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0766	AU	Fiber Optic Splicing	82976/82	4/27/82	551638	9/23/86
	MP0781COM	AU	Flat Sheet Closure & Method	88137/82	9/8/82		
	MP0798COM	AU	Fiber Optic Organizer	10325/83	1/13/83		
	MP0820	AU	Method Of Transmitting UV Light By Optical Fiber	14436/83	5/10/83		
	MP0838COM	AU	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	10635/88	10/11/83	598336	10/8/90
	MP0838COM	AU	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	20044/83	10/11/83	573728	11/30/88
	MP0850	AU	Optical Fiber Adhesive Joint Tube - Hourglass Shape	24278/84	2/8/84		
	MP0855	AU	A Mechanical Coupling Assembly And Method Of Using Same	28214/84	3/29/84		
	MP0871A	AU	Protective Article	55237/86	3/25/86	592974	5/17/90
	MP1018	AU	Splice Case	53143/86	12/31/85		
	MP1050	AU	Packaged Gel Article	59515/86	5/2/86		
	MP1064	AU	Optical Fiber Distribution Network	60078/86	7/11/86	591505	4/6/90
	MP1177	AU	Optical Fiber Tap Utilizing Reflector	11610/88	2/10/88	601547	1/15/91
	MP1206COM	AU	Terminal Block	18777/88	7/6/88	618539	4/16/92
	MP1239COM	AU	Telecommunication Terminal Block Or Adapter	33524/89	3/4/89	634156	6/11/93
	MP1243	AU	Cable Sealing Apparatus				
	MP1254	AU	Optical Fiber Jaw Connector	35575/89	4/4/89	624384	10/6/92
	MP1258	AU	Splice Case	1989035576	4/26/89	626154	11/17/92
	MP1273	AU	Method Of Cable Sealing	43118/89	9/8/89	621671	9/8/89
	MP1275	AU	Rotary Connection Strain Relief On Terminal Block	44082/89	9/19/89	643426	3/7/94
	MP1286	AU	Coaxial Cable Connector	57456/90	5/15/90	654108	2/15/95
	MP1293	AU	E-Z-On Connectors	59228/90	6/8/90	656305	5/18/95
	MP1293	AU	E-Z-On Connectors	17891/95	5/2/95		
	MP1293	AU	E-Z-On Connectors	60622/98	4/2/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1317	AU	Telecommunications Terminal Housing & Method Of Encl A Telecomm Terminal Within A Minimum Clearance Opening Container	63444/90	8/17/90		
	MP1347	AU	Couplers For Terminating Optical Fiber Ends				
	MP1355	AU	Splice Case	13200/92	1/17/92		
	MP1391	AU	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	88534/91	10/3/91	662888	1/16/96
	MP1398	AU	Optical Fiber Enclosure Including Novel Retaining Ring	17967/92	3/30/92	656193	5/12/95
	MP1403	AU	Ez Twist Consumer Type Connectors	15718/92	3/20/92		
	MP1404	AU	Hermaphroditic Gel Closure	15713/92	3/13/92	663703	2/13/96
	MP1412	AU	Hinged Gel-Filled Security And Environmental Protection Device	21809/92	6/8/92	673143	2/18/97
	MP1432	AU	Low Temperature Expandable Gaskets	48045/93	8/6/93		
	MP1493	AU	Aerial, Pedestal, Below Grade, Or Buried Optical Fiber Closure	19089/95	1/23/95		
	MP1511	AU	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	26587/95	5/30/95		
	MP1514	AU	Environmental Protection Device With Manually Operated Latch Mechanism	25876/95	5/17/95		
	MP1532	AU	Coaxial Cable Tap And Method Of Connecting To An Operational Coaxial Cable Without Interrupting Transmitted Signals	55699/96	4/23/96		
	NC001	AU	Environmental Sealing	42432/93	5/11/93		
	NC003	AU	Cable Seal	19183/92	5/1/92	667309	7/9/96
	NC005	AU	Fiber Optic Splice Organizer And Associated Method	48329/97	12/11/97		
	NC008	AU	Surge Arrestor Fail Safe Thermal Overload Mechanism	47702/93	6/29/93		
	NC010	AU	Enclosure Assembly For Telecommunication Cables	45381/93	6/15/93		
	NC011	AU	Telecommunications Network Interface Assembly		5/11/93		
	NC012	AU	Fiber Optic Splice Closure	1994056736	11/20/93	683862	3/19/98
	NC019	AU	Telecommunications Terminal		2/7/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC024	AU	Splice Closure For Buried Telecommunications Cables	72546/96	10/4/96		
	NC032	AU	System for Protecting Telecommunications Equipment from Transient Voltages	73735/00	9/13/00		
	NC041	AU	Line Protector For A Communication Circuit	58989/00	6/28/00		
	NC049	AU	Sealant-Filled Electrical Connector And Method For Forming T he Same	2000063404	6/29/00	772537	8/20/04
	NC066	AU	Connector Assembly for Use with Connector Plug	2003220374	3/13/03	2003220374	3/26/09
02316.3199AUD1		AU	MANAGED FIBER CONNECTIVITY SYSTEMS	2015203136	6/12/15		
02316.3246WO	NT-00375	AU	Component Identification and Tracking System for Telecommunication Networks	2012255814	11/25/13		
02316.3392AUWO	TO-00402	AU	Portable Device for Attaching a Connector to an Optical Fiber	2012218003	2/7/12		
02316.3413AUWO	TO-00509	AU	Optical Fiber Connection System Including Optical Fiber Alignment Device	2013203876	2/6/13		
02316.3597AUWO		AU	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
02316.3625AUWO		AU	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.3627AUWO		AU	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY	NPCT/US2014/014870	2/5/14		
02316.3844AUWO	TO-00302	AU	Methods and Apparatus for Terminating Electrical Connectors to Cables	2010341808	12/14/10		
02316.3875AUWO	NT-00338	AU	Distribution Frame with Patch Cables	2011262498	6/2/11		
02316.3879AUWO	TY-00084	AU	Ferrule with Protruding Fibers	2011296558	8/23/11		
02316.3884AUWO	E-TO-00049	AU	Electrical Connector Adaptor with Strain Relief	2006302625	10/2/06		
02316.3887AUWO	E-TO-00088	AU	Receptacle with Crosstalk Optimizing Contact Array	2007225240	3/9/07	2007225240	7/7/11
02316.3889AUWO	E-TO-00090	AU	Electrical Connector Having Contact Plates	2007243343	4/26/07		
02316.3904AUWO	18147	AU	INTERFACE ADAPTER MODULE	2005239428	4/26/05	2005239428	3/4/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3980AUWO	TO-00425	AU	Fiber Optic Adapters and Connector Devices with Mounting Features and Mounting Systems and Methods Including the Same	2012238057	3/14/12		
02316.3982AUWO	TO-00420	AU	Cable Strain Relief Clamping Devices and Methods for Using the Same	2012225855	3/1/12		
02316.3986AUWO	TO-00266	AU	Fiber Optic Multi Dwelling Unit Deployment Apparatus and Methods for Using the Same	2009324815	12/7/09		
02316.3998AU01	MP1492	AU	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	1995022804	4/6/95	690262	8/6/98
02316.3999AUD1	MP1374A	AU	Alarm And Test System For A Digital Added Mail Line	1995036674	8/1/91	692611	11/5/98
02316.3999AUWO	MP1374A	AU	Alarm And Test System For A Digital Added Mail Line	1991083187	8/1/91	658828	9/7/95
02316.4000AUWO	NC004	AU	Telecommunications Terminal Block	1992028683	10/5/92	674132	4/22/97
02316.4026AUD2	NC012	AU	Fiber Optic Splice Closure	1999064362	12/7/99	752334	1/23/03
02316.4029AUWO	NC005	AU	Fiber Optic Splice Organizer And Associated Method	1993046580	6/29/93	681856	1/22/98
02316.402AUD1	NC012	AU	Fiber Optic Splice Closure	1997049315	12/30/97	716215	2/24/00
02316.4031AUWO	NC007	AU	Apparatus And Method For Uniformly Irradiating A Strand	62461/94	2/25/94	685435	5/7/98
02316.4058AUWO	E-TO-00097	AU	Sealing Assemblies and Methods for Sealing an Elongate Member	2008226967	3/6/08	2008226967	7/10/14
02316.4071AUWO	E-TO-00175	AU	Methods for Accessing a Fiber Within a Fiber Optic Cable to Splice Thereto and Tools for Use with the Same	2008293955	8/25/08	2008293955	1/19/12
02316.4072AUWO	E-TO-00176	AU	Fiber Optic Cable Control Clips and Enclosure Assemblies and Methods Incorporating the Same	2008293976	8/26/08	2008293976	3/4/13
02316.4079AUWO	TO-00263	AU	Fiber Optic Connector Storage Apparatus and Methods for Using the Same	2009320412	10/28/09		
100.0070/01		AU	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	17111/97	1/24/97	727,079	3/15/01
100.0070/01		AU	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	24753/01	1/24/97	751,825	1/16/03

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0070/01		AU	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	24756/01	1/24/97	751,885	12/19/02
2316.1006/01		AU	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	24032/00	1/3/00	759,139	7/17/03
2316.1007/I1		AU	TELECOMMUNICATIONS JACK ASSEMBLY	24035/00	1/4/00		
2316.1011/I2		AU	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	54387/00	2/16/00	772,317	8/20/04
2316.1011/I4		AU	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	2004212589	5/25/00	04212589	10/18/07
2316.1011/I4		AU	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	75700/00	5/25/00	774,215	9/30/04
2316.1687/I1		AU	COUPLER FOR CABLE TROUGH	2003225975	3/21/03	2003225975	10/30/08
2316.1834/I1		AU	PATCH PANEL WITH MODULES	2005237061	3/2/05	2005237061	6/24/10
2316.1838/P2		AU	FIBER ACCESS TERMINAL	2005220957	3/8/05	2005220957	4/1/10
2316.1838/P2		AU	FIBER ACCESS TERMINAL	2010200951	3/12/10	2010200951	10/11/12
2316.1890/I1		AU	METHODS AND SYSTEMS FOR POSITIONING CONNECTORS TO MINIMIZE ALIEN CROSSTALK	2005217982	2/18/05		
2316.1904/01		AU	CROSS-CONNECT SYSTEM	76698/94	8/23/94	693,473	11/5/98
2316.1904/I1		AU	Cross-connect method and apparatus	33928/99	3/19/96	726,211	2/15/01
2316.1904/I1		AU	Cross-connect method and apparatus	51889/96	3/19/96	708675	11/25/99
2316.1910/WO		AU	Communication wire	2003265984	9/8/03		
2316.2295/I1		AU	SYSTEMS AND METHODS OF FIBER DISTRIBUTION AND MANAGEMENT	2004292229	11/17/04	2004292229	7/31/08
2316.2295/I1		AU	SYSTEMS AND METHODS FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT	2008203181	11/17/04	2008203181	5/26/11
2316.2295/I1		AU	SYSTEMS AND METHODS FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT	2008264211	12/24/08	2008264211	10/11/12
2316.2298/U1		AU	FIBER DROP TERMINAL	2005301961	11/2/05	2005301961	12/15/11
2316.2298/U1		AU	OPTICAL FIBER DROP TERMINAL	2010221805	9/16/10	2010221805	1/3/13
2316.2299/P2		AU	LOOPBACK PLUG AND METHOD	2006236409	4/19/06	2006236409	9/1/11
2316.2299/P2		AU	LOOPBACK PLUG AND METHOD	2010201115	3/22/10	2010201115	3/4/13
2316.2316/U3		AU	FIBER OPTIC CABLE BREAKOUT CONFIGURATION WITH "Y" BLOCK	2007223869	3/6/07		
2316.2336/01		AU	FIBER DISTRIBUTION HUB WITH SWING FRAME AND MODULAR TERMINATION PANELS	2007215414	2/7/07	2007215414	11/15/12

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2336/P1		AU	FIBER DISTRIBUTION HUB WITH OUTSIDE ACCESSIBLE GROUNDING TERMINALS	2007215422	2/7/07	2007215422	6/28/12
2316.2467/01		AU	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	2007325249	11/28/07		
2316.2467/I1		AU	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	2007325250	11/28/07		
2316.2584/P1		AU	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	2008247361	5/6/08	2008247361	7/3/14
2316.2584/P1		AU	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	2014203362	6/20/14		
2316.2584/P2		AU	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	2008311242	8/5/08	2008311242	11/21/13
2316.2584/P4		AU	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	2008296309	9/4/08	2008296309	10/31/13
2316.2584/P4		AU	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	2013242864	9/4/08		
2316.2584/P4		AU	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	2013242866	9/4/08		
5487.228.WO	E-TO-00043	AU	Sealing Assemblies and Methods for Sealing an Elongate Member	2006241894	4/6/06		
5487-139-AU	NC071	AU	Toggle Type Telecommunications Terminal Blocks	2004237656	4/6/04	2004237656	12/23/10
5487-149-AU	NC074	AU	Toggle Type Telecommunications Terminal Blocks Including a Travel Limit Member	2004310316	10/7/04		
5487-149-AU2	NC074	AU	Toggle Type Telecommunications Terminal Blocks Including a Travel Limit Member	2009206185	8/6/09		
P12.482 AU/10-008AU	10-008	AU	Connecting box for glass fiber cables	2011223281	1/10/11	2011223281	1/30/14
P13.837 AU	12-003	AU	Distributor module and method for connecting cores	2013343774	10/9/13		
16012		AU	DIVERGENT LOAD BAR	1995035461	9/8/95	688593	7/2/98
14305		AU	CYLINDRICAL INSULATION DISPLACING CONNECTOR	1990057916	6/27/90	633932	6/4/93
15030		AU	PROTECTOR MOUDULE FOR TELEPHONE LINE JUNCTION BOX AND METHOD	35476/93	3/25/93	657610	7/4/95
15396		AU	IMPROVED SHIELDED ELECTRICAL CONNECTOR	1993044237	7/27/93	668962	9/25/96
15526		AU	COMMUNICATIONS CONNECTOR TERMINAL ARRAYS HAVING NOISE CANCELLING CAPABILITIES	1994063088	5/13/94	673061	2/12/97
15672		AU	AUTOMATIC TOOL FOR MICRO-CONNECTOR	63404/94	5/27/94	673730	3/12/97
16980		AU	HOUSING FOR OPTICAL FIBRES	478/92	2/27/92	115154	9/21/92
16980		AU	HOUSING FOR OPTICAL FIBRES	37405/93	3/24/93	667711	4/4/96
40057		AU	SHIELDED DATA CONNECTOR	33113/93	2/17/93	665395	4/23/96
40108		AU	DATA COMMUNICATION OUTLET KIT				
8413		AU	ELECTRICAL TERMINALS FOR FLAT TWO-CONDUCTOR LEAD IN WIRE	74/73129	9/9/74		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
TO-00559		AU	Cable Management System including Splitter/Filter Tray	2013289325	7/4/13		
WR090		AU	Fiber Optic Organizer	61122/86	8/13/86	582263	3/16/89
WR102		AU	Heat Shrink Radi With Removable Outlets	69719/87	3/5/87	596152	8/10/90
WR140		AU	Mechanical Radi Seal	86349/91	9/12/91	657703	7/11/95
WR147		AU	Modified Ezam Cable Duct Seal For Vault Closure				
WR148		AU	Hand Operated Multiple Wire Connector With Guide Slots				
WR155		AU	Silicone Rubber Seal For Box	47247/93	8/11/93		
WR165		AU	Catv Box For In-Line/Butt Connection	74653/94	8/23/94	695717	12/3/98
WR166		AU	Shaped Silicone Rubber Seal For Uteic Closure	75022/94	8/23/94		
WR167		AU		76634/94	9/26/94		
WR168		AU					
WR171		AU	Catv Tap With Switch	35716/95	9/26/95		
WR172		AU	Catv Tap With Power Tap-Off	35717/95	9/26/95	701374	1/28/99
2316.1519		AZ	JACK; JACK ASSEMBLY; AND METHODS	200400084	7/9/02	007249	8/25/06
	98-024	AZ	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
2316.1910/WO		AZ	Communication wire	200500485	9/8/03	007750	12/19/06
	04-012	BA	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	BA	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	BA	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	BA	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	87-077	BA	Device for holding connector banks in telecommunication systems	BAP96142A	5/7/96	BAP96142	6/19/03
	88-088	BA	Protective plug for connector or disconnector banks	BAP96157A	5/7/96	BAP96157	8/19/04
	90-006	BA	Connecting block for the telecommunication and data technology	BAP96140A	5/7/96		
	90-012	BA	Cutting Clamping Contact	BAP96141A	5/7/96		
	90-015	BA	Protective circuit and protective device plug for telecommunication installations	BAP96120A	5/7/96		
	96-020	BA	Terminal, isolating or connecting strip	BAP97281A	12/9/97	BAP97281	9/2/04
	98-024	BA	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-024	BB	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	80-128	BD	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	35/81	3/24/81	1001436/81	7/24/83

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	80-129	BD	A twin contact terminal element	37/81	4/1/81	1001440	8/1/83
	80-132	BD	A self supporting terminal element	34/81	3/24/81	1001435	7/24/83
	81-135	BD	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	112/82	9/23/82	1001625	1/23/85
	82-030	BD	Modular plug connector	4/83	1/23/83	1001632	12/23/86
	83-140	BD	A cable distribution head	31/84	3/27/84	1001795	7/20/86
	84-147	BD	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	105/84	10/18/84	1001853	2/18/87
	86-019	BD	Connector bank for cable wires, in particular for telephone cables	34/87	4/16/87	1002074	8/16/89
	86-069	BD	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	108/87	11/23/87	1002126	
	87-077	BD	Device for holding connector banks in telecommunication systems	45/88	5/25/88	1002165	9/25/90
	88-088	BD	Protective plug for connector or disconnector banks	1/89	1/16/89	1002237	5/16/91
	88-095	BD	Contact member of electrical conductors	49/89	6/1/89	1002263	10/1/91
	89-010	BD	Wire connector for cable wires, in particular of telecommunication cables	78/90	9/1/90	1002366	1/1/93
	90-006	BD	Connecting block for the telecommunication and data technology	3/91	1/23/91	1002383	5/23/93
	90-012	BD	Cutting Clamping Contact	30/91	4/29/91	1002394	8/29/93
	90-015	BD	Protective circuit and protective device plug for telecommunication installations	45/91	7/1/91	1002413	11/1/93
	91-014	BD	Cutting and clamping sleeve contact	89/92	8/4/92	1002506	12/4/94
	93-020	BD	Termination module	33/94	4/11/94	1002631	4/11/96
	93-035	BD	Insulation displacement contact	17/94	2/14/94	1002614	2/14/96
	95-016	BD	Terminal block for high transmission rates	97/96	8/6/96	1002841	12/6/99
	96-002	BD	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	45/97	3/4/97	1002921	7/4/99
	96-003	BD	Module comprising a housing and a base plate	43/97	3/4/97	1002919	7/4/99
	96-004	BD	Combined fail-safe and earthing contact	44/97	3/4/97	1002920	7/4/99

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-020	BD	Terminal, isolating or connecting strip	213/97	12/8/97	1003028	4/8/00
	06-018	BD	Plug-in connector for printed circuit boards	261/2007	11/20/07		
100.0051		BE	PERFORMANCE MONITORING AND FAILURE ISOLATION IN A POINT-TO-MULTIPOINT COMMUNICATION NETWORK	94902250.3	11/15/93	0 702 870	9/1/99
100.0058		BE	HYBRID FIBER/COAX VIDEO AND TELEPHONY COMMUNICATION SYSTEM	95933845.0	9/19/95		
100.0755		BE	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	09162278.7	3/27/01	2094058	1/16/13
100.0755		BE	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	11168006.2	3/27/01	2364056	11/7/12
100.0937		BE	Distribution of radio-frequency signals through low bandwidth infrastructures	97922450.8	4/18/97	0 894 369	2/18/04
100.0972		BE	Cellular base station with intelligent call routing	96913256.2	4/29/96	0 824 836	7/11/01
2316.0019		BE	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSING	85850253.7	8/1/85	0 197 234	2/27/91
2316.0024		BE	ELECTRICAL JACK	85850121.6	4/4/85		
2316.0038		BE	ELECTRICAL JACK FRAME	81101655.9	3/6/81	0 035 776	7/24/85
2316.0041		BE	ELECTRICAL CONNECTOR APPARATUS	85850356.8	11/5/85	0 181 306	2/17/93
2316.0056		BE	ELECTRICAL CONNECTOR APPARATUS	85850355.0	11/5/85	0 181 305	2/27/91
2316.0095		BE	JACK DEVICE	86309708.5	12/12/86	0 230 746	2/22/95
2316.0113		BE	TERMINAL ASSEMBLY	87101289.4	1/30/87	0 233 527	11/13/91
2316.0123		BE	OPTICAL FIBER DISTRIBUTION APPARATUS	86307114.8	9/16/86	0 215 668	12/19/90
2316.0172		BE	OPTICAL SWITCH	8900487	5/3/89	1,003,805	6/16/92
2316.0300		BE	PLUG-IN JACK CARD FOR NORMALLY CLOSED CONTACTS	91402605.9	9/30/91	0 486 331	7/24/96
2316.0372		BE	MINIATURE COAX JACK MODULE	92915879.8	7/14/92	0 634 061	6/4/97
2316.0372		BE	MINIATURE COAX JACK MODULE	96202654.8	7/14/92	0 755 095	11/2/00
2316.0488		BE	HIGH-DENSITY FIBER DISTRIBUTION FRAME	95903533.8	11/16/94	0 740 803	1/27/99
2316.0488		BE	HIGH-DENSITY FIBER DISTRIBUTION FRAME	98112420.9	11/16/94	0 871 047	4/16/03
2316.0691		BE	SWITCHING COAX JACK DEVICE	98913075.2	3/23/98	0 972 320	6/12/02
2316.0753		BE	DSX MODULE WITH REMOVABLE JACK	98908667.3	2/23/98	0 963 620	9/18/02
2316.0786		BE	FIBER CONNECTOR AND ADAPTER	03004353.3	5/14/98	1331496	1/4/06

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1250		BE	CABLE EXIT TROUGH WITH INSERT	01977447.0	10/4/01	1356321	4/4/07
2316.1289		BE	LOW PROFILE CABLE EXIT TROUGH	01987552.5	10/29/01	1372991	4/26/06
2316.1481		BE	DSX JACK INCLUDING SLIDING REAR CONNECTOR	02762071.5-1528	4/11/02	1391010	1/24/07
2316.1637		BE	TRIAXIAL CONNECTOR ADAPTER AND METHOD	03731947.2	1/16/03	1472762	3/18/09
2316.1787		BE	FIBER OPTIC CONNECTOR HOLDER AND METHOD	09011819.1	9/16/09	2138878	3/25/15
2316.2138		BE	OPTICAL FIBER PATCH PANEL	89306553.2	6/27/89	0 349 290	8/11/93
2316.2473		BE	FIBER OPTIC CONNECTOR MECHANICAL INTERFACE CONVERTER	08713473.0	1/3/08	2106562	3/11/15
	99-017	BE	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	00-009	BE	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-018	BE	Plastic patch panel	01985780.4	9/24/01	1322981	7/14/04
	03-009	BE	Wall outlet box	04765904.0	10/8/04	1678797	4/14/10
	03-010	BE	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	05-013	BE	Mounting apparatus for line and plug-in connecting elements	06762987.3	8/4/06	1915876	10/3/12
	07-004	BE	Terminal block	07856677.5	12/13/07	2127029	4/23/14
	09-011	BE	Terminal strip	10712336.6	3/26/10	2441128	3/12/14
	94-021	BE	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95105067.3	4/5/95	0690539	7/7/99
	00-015	BE	Electrical Connector	01956564.7-2217	7/26/01	1312137	5/25/05
	01-004	BE	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	01-005	BE	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	02-005	BE	Distribution box connection module for telecommunications and data technology	03792214.3-2214	7/18/03	1527503	5/14/14
	04-007	BE	Housing	04790911.4-2207	10/27/04	1678798	3/3/10
	07-010	BE	Sleeve for optical waveguide cables	08715782.2-1524	2/15/08	2132589	8/3/11
	MP1492	BE	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	95916228.0	4/6/95	0755618	6/21/00
	MP0172	BE	Cohesive Sealant Articles	150106	10/31/74	821738	10/31/74

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0192	BE	Heat-Recoverable Article With Self-Contained Heater	160460	9/26/75	833916	3/26/76
	MP0212	BE	Self Heating Article With Deformable Electrodes	169529	8/3/76	844849	2/3/77
	MP0219	BE	Expandable Heater With Apertured Electrodes	173067	12/8/76	849186	6/8/77
	MP0736	BE	Heat-Recoverable Closure Assembly	81302412.2	6/1/81	0041388	4/17/85
	MP0761	BE	Wraparound Protective Closure And Method Of Use	83300472.4	1/28/83		
	MP0790COM	BE	Thermoweave	84300059.7	1/5/84	0116393	7/19/89
	MP0790COM	BE	Thermoweave	84300059.7	1/5/84	0430377	10/9/96
	MP0790COM	BE	Thermoweave	84300059.7	1/5/84	0270132	3/25/92
	MP0790COM	BE	Thermoweave	84300059.7	1/5/84	0243985	7/4/90
	MP0810	BE	Flame Coloring Device	83300904.6	2/22/83	0087313	5/28/86
	MP0859	BE	Electrical Devices Comprising PTC Elements	84307984.9	11/16/84		
	MP0867	BE	Laminar Electrical Heaters	84303152.7	5/10/84	0128664	8/24/88
	MP0872	BE	Heat Shrinkable Article	84306290.2	9/14/84		
	MP1086	BE	Devices Comprising PTC Conductive Polymers	86307651.9	10/3/86		
	MP1224	BE	Laminar Sheet Heater	89900770.2	12/8/88		
	MP0735	BE	Wraparound Heat-Recoverable Sleeves	81302413.0	6/1/81	0041389	4/17/85
	00-001	BE	Shielding device for terminal blocks	00126936.4	12/8/00	1117158	2/13/08
	00-002	BE	Compensation device for an electrical connector	01101324.0	1/20/01		
	99-006	BE	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07
	00-007	BE	Electrical connector with spaced contact portions	01940348.4-1231	4/25/01		
	00-008	BE	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01		
	00-004	BE	Duplex connector for fiber clips	PCT/EP01/03233	3/21/01	1275022	6/18/08
	00-013	BE	Connection module	01117086.7	7/13/01		
	03-004	BE	Glass-fiber coupler module	04723539.5	3/26/04	1613993	12/5/07
	03-003	BE	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	03-005	BE	Conductor connection module for printed circuit boards	04740236.7-2214	6/24/04	1649549	11/2/06
	03-006	BE	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	04-012	BE	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	BE	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	BE	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	BE	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	96-007	BE	Termination tool	97104913.5-2308	3/22/97		
	97-025	BE	Casing	98117540.9	9/16/98		
	97-032	BE	Patch Panel with retractable patch cord	98123266.3	12/7/98		
	98-004	BE	Casing	99101294.9	1/25/99	0938163	4/27/05
	98-010	BE	Electrical Connector	99107064.0	4/10/99	0952635	8/24/05
	99-009	BE	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-014	BE	Frontpanel for LWL-modules	00115726.2-2205	7/21/00		
	98-025	BE	Shielding device for connection strips in telecommunications and data engineering	99952571.0	10/14/99		
	00-012	BE	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-017	BE	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05
	00-019	BE	Optical Fibre Connection Housing	01982343.4-1524	9/24/01	1329011	8/31/05
	02-004	BE	Device for an optical-fiber connection	03727357.0-1234	4/25/03	1502142	6/28/06
	02-003	BE	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	03-001	BE	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	75-118	BE		167902	6/14/76	842932	10/26/76
	77-122	BE	LSA-Plus Module	188210	5/31/78	867675	9/19/78
	78-123	BE	Connection module	193057	1/24/79	873681	5/16/79
	78-124	BE		194006	3/14/79	874825	7/14/79
	78-126	BE		194649	4/17/79	194649	8/16/79

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	79-005	BE		200308	4/21/80	882891	8/18/80
	80-012	BE	A tool for electrically connecting insulated wires	81102206.0	3/24/81	0040307	8/14/85
	80-128	BE	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	203917	2/25/81	887.673	6/15/81
	80-129	BE	A twin contact terminal element	81102012.2	3/18/81	0041596	7/16/86
	80-130	BE	Universal connector for a solderless, screwless and stripless system for testing, connecting and isolating conductor tracks	81103884.3	5/20/81	0044387	2/6/85
	80-131	BE	A connector device for testing a cable wire relative to all other cable wires within a contact element	81103883.5	5/20/81	0044913	2/1/84
	80-132	BE	A self supporting terminal element	81101181.6	2/19/81	0053219	6/13/84
	81-135	BE	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	82108047.0	9/1/82	0075150	1/7/87
	82-030	BE	Modular plug connector	82111212.5	12/3/82	0084632	3/26/86
	82-139	BE	Clamping element for connecting electric conductors without welding, screwing and baring	83107560.1	8/1/83	0123718	11/25/87
	83-140	BE	A cable distribution head	83112627.1	12/15/83	0125343	9/27/89
	83-142	BE	A heat protection device for over-voltage arrester magazines	84106412.4	6/5/84	0130403	5/18/88
	84-016	BE	Multipolar plug	85730151.9	11/8/85	0189730	12/27/89
	84-147	BE	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	84107396.8	6/27/84	0165335	9/16/87
	85-003	BE		86730087.3	5/22/86	0210945	
	86-064	BE	A casing, particulary a junction-box casing for telecommunications engineering	87730050.9	5/8/87	0253756	11/18/93
	86-066	BE	Cutting/clamping terminal element for electrical conductors	87730118.4	9/30/87	0270479	8/12/92
	86-068	BE		87730118.4	9/30/87	0270479	5/6/92
	86-069	BE	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	87730134	8/5/93	0270480	

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	86-069	BE	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	93112523.1	10/27/87		
	86-156	BE		87730030.1	3/21/87	0243296	12/27/90
	87-003	BE		88730042.4	2/24/88		
	87-075	BE	Connector bank for telecommunication devices	88730118.2	5/17/88	0302814	2/16/94
	87-077	BE	Device for holding connector banks in telecommunication systems	88730116.6	5/13/88	0304393	1/12/94
	87-166	BE	Terminal unit for cable pairs in Telecommunication systems	88730114.1	5/11/88	0296095	3/24/93
	88-006	BE		88730074.7	3/24/88	0288418	7/22/92
	88-086	BE	Tool for connecting cable wires	88730250.3	11/12/88	0329917	11/19/92
	88-087	BE		88117463.5	10/20/88	0328738	
	88-088	BE	Protective plug for connector or disconnector banks	89100535.7	1/13/89	0338187	12/29/93
	88-091	BE	Receiving pre-amplifier for an optical telecommunication line	89730043.0	2/22/89	0344091	11/3/93
	88-092	BE		88113259.1	8/13/88	0312729	
	88-097	BE	Connection device for switchung or disconnection line paths in telephone exchanges	89115536.8	8/23/89	0365780	4/26/95
	88-098	BE	Plug connector for telecommunication and data systems	89730204.8	8/23/89	0373096	9/8/93
	88-159	BE	Connecting element for optical waveguides	88112078.6	7/27/88	0309677	12/15/93
	89-005	BE	Protection plug for connector banks of telecommunication and data systems	90101057.9	1/19/90	0388585	12/21/94
	89-006	BE	Connector banks with voltage surge protection	90250072.7	3/16/90	0399628	6/7/95
	89-008	BE		90111280.5	6/15/90		
	89-010	BE	Wire connector for cable wires, in particular of telecommunication cables	90115668.7	8/16/90	0428832	1/12/94
	89-101	BE	Plug connector	90250004.0	1/4/90		
	89-102	BE	Shield connecting element for a connector bank	90250003.2	1/4/90	03823322	10/6/93
	89-192	BE	Electrical Connector	90122815.5	11/29/90	0445376	4/19/95
	90-002	BE	Voltage limiter	90122922.9	11/30/90	0440905	8/30/95
	90-006	BE	Connecting block for the telecommunication and data technology	91100348.1	1/12/91	0446572	1/11/95
	90-008	BE		91102642.5	2/22/91	0447834	

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-009	BE	Device for displaying announcements, in particular prices in numerical form	91103873.5	3/14/91	0451528	9/8/93
	90-011	BE	Terminal block for telecommunications systems	91103990.7	3/15/91	0456987	5/6/93
	90-012	BE	Cutting Clamping Contact	91106635.5	4/25/91	0459144	5/24/95
	90-015	BE	Protective circuit and protective device plug for telecommunication installations	91110018.8	6/19/91	0471167	5/25/94
	90-021	BE		91115168.6	9/7/91	0484654	12/5/91
	91-001	BE		91119994.1	11/23/91		
	91-010	BE		92108267.3	5/15/92		
	91-011	BE	Insulation displacement contact terminal	92111624.0	7/9/92	0525457	3/6/96
	91-013	BE	Terminal bank for the telecommunication and data technology	92111854.3	9/9/92	0529267	6/16/99
	91-014	BE	Cutting and clamping sleeve contact	9211972.3	7/14/92	0531664	1/31/96
	91-022	BE	Switching assembly for glass fibre cables of the telecommunication and data technology	92113177.7	8/3/92	0536496	2/11/98
	91-029	BE		92109367.0	6/3/92	0528125	9/7/94
	92-004	BE	Case, in particular cable branching case	92120714.8	12/4/92		
	92-006	BE	Cutting and clamping Terminal Element	93101539.0	2/2/93	0558937	1/3/96
	92-009	BE			2/24/93		
	92-013	BE	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	93106602.1	4/23/93	0582779	1/3/96
	92-014	BE	Split flap display device	93110150.5	6/25/93	0583577	1/3/96
	92-015	BE	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	93112697.3	8/7/93		
	92-019	BE	Method for elctronically labelling articel	93250311.3	11/10/93		
	92-021	BE		93115054.4	9/18/93	0601290	6/4/97
	92-022	BE	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	93114996.7	9/17/93	0601289	11/27/96
	92-024	BE	Signal-connector with capacitive adjustment for improved crosstalk parameters	93113952.1	9/1/93	0598192	1/8/97
	92-025	BE	Method and arrangement for optically representing information	93114019.8	9/2/93		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-026	BE	Method and arrangement for establishing networks of electro-optical display-field modules	93116523.7	10/13/93		
	93-006	BE		931119488.0	12/3/93		
	93-008	BE	Termination device for the communication and data technique	93119249.6	11/30/93		
	93-009	BE	Distribution device, in particular for the main distribution device of telephone and data lines	93119583.8	12/4/93	0618741	3/18/98
	93-015	BE	Cable branching device	94103854.9	3/14/94	0623832	5/27/98
	93-017	BE	Method for monitoring the filing levels of material of value collection containers	94105657.4	4/13/94		
	93-023	BE	Connection block for high speed transmission in the telecommunication and data system	94108404.8	6/1/94	0637097	9/2/98
	93-028	BE	Clamping Terminal unit	94112249.1	8/5/94	0643454	1/14/98
	93-030	BE	Terminal block	94113179.3	8/24/94	0645841	11/11/98
	93-032	BE	Electrical Plug Connector	94114414.9	9/14/94		
	93-033	BE		94114068.3	9/8/94		
	93-034	BE	Termination unit for telecommunication and data lines	94116632.4	10/21/94		
	93-036	BE	Coupling device between a glass fibre and a dielectric waveguide	94117310.6	11/3/94		
	94-003	BE	Digital electronic Loop Crossconnect & Carrier System	94117980.6	11/25/94		
	94-005	BE	Separation spark gap for limiting the maximum voltage on a surge arrester	94118945.8	12/1/94	0665619	3/5/97
	94-006	BE	Winding cartridge	94108836.1	6/9/94	0645655	10/4/01
	94-007	BE	Insulation displacement contact element	94117060.7	10/28/94	0665614	4/19/00
	94-009	BE		94119809.5	12/15/94	0667650	9/9/98
	94-012	BE	Obliquely disposed insulation displacement contact	95100738.4-2214	1/20/95	0675564	9/30/98
	94-015	BE	Housing for optical components	95102617.8	2/24/95	0679917	1/19/00
	94-018	BE	Automatic distribution device for telecommunication and data lines	95106047.4	4/22/95		
	94-019	BE	Distribution apparatus, particularly for the main distributor of telecommunications or data lines	95107287.5	5/13/95	0689365	1/24/01
	94-022	BE	Electrical Plug Connector	95106785.9	5/5/95	0693801	8/26/98
	94-025	BE	Printed Circuit Board for Connectors	95108378.1	6/1/95	0697804	2/9/00

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-026	BE	Flip-over Display Module	95109294.9	6/16/95		
	94-027	BE	Manufacturing process for structured metal plating on surfaces	94113917.2	9/6/94	0643153	6/19/96
	94-031	BE	Protection plug	95109298.0	6/16/95	0706194	9/3/97
	94-032	BE	Terminal element	95109771.6	6/23/95	0706234	11/24/99
	94-035	BE	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	95111172.3	7/15/95		
	94-036	BE	Cable protection element	95106431.0	4/28/95		
	94-037	BE	19"Racking system	95106430.2-2207	4/28/95		
	95-006	BE	Electrical Connectors	96105422.8	4/4/96		
	95-009	BE	Switching field	96112250.4-2302	7/30/96	0758792	10/17/01
	95-010	BE	Electrical Connector	96112491.4	8/2/96		
	95-012	BE	Distribution device for telecommunications and data technique	96113135.6	8/16/96		
	95-013	BE	Termination device for the telecommunication and data technique	96114423.5-2209	9/10/96		
	95-016	BE	Terminal block for high transmission rates	96111904.7-2308	7/24/96	0766352	11/29/00
	95-017	BE	Connecting device for telecommunication and data technique	96110940.2-2308	7/6/96		
	95-019	BE	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96113454.1-2209	8/22/96		
	95-020	BE	Automatic re-arrangement and distribution device for telecommunication and data lines	96115100.8	9/29/96		
	95-022	BE	Main distribution frame MDF	96920705.9	6/26/96		
	96-001	BE	Electronic access control and security system	97101244.8	1/28/97		
	96-002	BE	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97101240.6	1/28/97	0797379	9/18/02
	96-005	BE	Management-capable splice cassette	97101253.9	1/28/97		
	96-006	BE	Earthing module	97104914.3-2308	3/22/97		
	96-011	BE	High density high performance connector	97108131.0	5/20/97		
	96-013	BE	Connecting terminal	97111592.8	7/9/97	0837525	11/8/00
	96-018	BE	Clamping device	97118901.4	10/30/97	0844694	3/1/00

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-019	BE	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-020	BE	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	96-021	BE	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	97118903.0	10/30/97	0849850	7/11/01
	97-002	BE	Outdoor housing	98102656.0	2/17/98	0863593	8/29/01
	97-003	BE	Protection Plug	98102655.2	2/17/98	0862197	6/9/99
	97-008	BE	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-011	BE	Cable fastening	98102653.7	2/17/98		
	97-012	BE	Distribution block for telecommunication and data technology	98103424.2	2/27/98		
	97-013	BE	Stationary housing with wall elements made of plastic	98103423.4	2/27/98		
	97-016	BE	Overvoltage protection module	98107492.5	4/24/98		
	97-017	BE	Safety Plug (Terminator)	98107586.4	4/25/98		
	97-018	BE	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-019	BE	Interface module	98107578.1	4/25/98		
	97-022	BE		98114148.4	7/29/98		
	97-023	BE	Method for designing a telecommunications and data network	98948732.7	8/6/98		
	97-028	BE	Apparatus for connecting cable cores	98119013.5	10/8/98		
	97-030	BE	High Frequency Cable	98964444.8	11/27/98		
	97-031	BE	Electrical power outlet with IDC connections	98121647.6	11/12/98	0921611	6/4/03
	98-002	BE	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-005	BE	Clamping element for cable shielding	99104341.5	3/4/99	0944132	12/20/00
	98-013	BE	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	BE	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-023	BE	Electrical Connector	99112489.2	7/1/99		
	98-024	BE	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	99-001	BE	Connection element for cable conductor	99121852.0	11/4/99	1018786	9/19/01
	99-002	BE	Surge arrester mounting unit for telecommunications and data systems equipment	99121037.8	10/21/99		
	99-004	BE	Overvoltage protection element	99125286.7	12/18/99		
	99-007	BE	Connector element with closure device	00916921.0	3/10/00		
	99-010	BE	Traction relief device for a wire	00110099.9	5/13/00		
	98-001	BE	Optical fibre connector	98960871.6	12/8/98		
	99-018	BE	Electrical Connector	00124720.4	11/13/00		
	99-019	BE	Distribution cabinet	99121185.5	10/22/99	1047167	9/17/03
	E-TO-00029	BE	Modular Plug with Slider Latch	06825360.8	10/2/06	1932219	4/1/09
	ITRACS001	BE	A System for Monitoring Connection Pattern of Data Ports	00919250	4/5/00	1173811	9/13/06
	ITRACS001	BE	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
	ITRACS001	BE	Data Cable for Monitoring Connection Pattern of Data Ports	06019065.9	4/5/00	1758028	3/17/10
	MP0122	BE	Wraparound Closure Sleeve	106846	8/6/71	771065	5/1/72
	MP0220	BE	Pressurized Splice Case	173068	12/8/76	849187	6/8/77
	MP0718COM	BE	Corrugated Ht Rec. Tape & Flexible Collar Tee	81302605.1	6/11/81	0042262	6/5/85
	MP0757	BE	Air Vent Assembly	82300555.8	2/3/82		
	MP0766	BE	Fiber Optic Splicing	207940	4/27/82	892991	10/27/82
	MP0781COM	BE	Flat Sheet Closure & Method	82304743.6	9/9/82		
	MP0798COM	BE	Fiber Optic Organizer	83300177.9	1/13/83		
	MP0799COM	BE	Paddlecard Terminator	82306555.2	12/8/82	0081389	9/3/86
	MP0838COM	BE	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	83306140.1	10/11/83	0108518	1/18/89
	MP0839COM	BE	Optical Fiber Tap	83903730.6	10/24/83	0125282	8/26/92
	MP0849	BE	Optical Fiber Adhesive Joint Tube - Release Agent	84300771.7	2/7/84	0121988	4/20/88
	MP0850	BE	Optical Fiber Adhesive Joint Tube - Hourglass Shape	84300770.9	2/7/84		
	MP0855	BE	A Mechanical Coupling Assembly And Method Of Using Same	84901659.7	3/29/84	0138986	12/27/90

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0871A	BE	Protective Article	86302209.1	3/25/86	0196219	7/22/92
	MP0874	BE	Tube Storage And Delivery Device	84306793.5	10/5/84	0145153	11/5/86
	MP0889	BE	Method And Apparatus For Determining Attenuation Across Optical Fiber Splice	84307314.9	10/24/84		
	MP0899	BE	Light Launch Detection & Splicing Devices For Loose Tube Buffered Optical Fiber	85300528.8	1/25/85		
	MP0900	BE	Wraparound Article	84308644.8	12/12/84	0147130	8/7/91
	MP0995COM	BE	Optical Fiber Termination	85308204.8	11/12/85		
	MP0997	BE	Center Conductor Closure	85308790.6	12/3/85		
	MP1018	BE	Splice Case	86300045.1	1/6/86	0189240	3/28/90
	MP1019	BE	Liner For Making Pressurized Splice Closure	86300833.0	2/6/86	0194040	5/16/90
	MP1027	BE	Closure Including Gel-Filled End Seals	86300835.5	2/6/86		
	MP1045	BE	Drop Wire Branch Article	86301678.8	3/10/86		
	MP1077	BE	Determining Splice Attenuation	86305112.4	7/1/86		
	MP1078	BE	Corrosion Protection Apparatus	86306401.0	8/19/86	0213874	11/19/92
	MP1085	BE	Compression Pressure Indicator	86307415.9	9/26/86		
	MP1092	BE	Optical Fiber Contact And Connector	86309060.1	11/19/86	0223609	2/16/94
	MP1093	BE	Optical Fiber Connector	86309059.3	11/19/86		
	MP1097	BE	Apparatus For Relieving A Load Across A Cable Repair Region	86308773.0	11/11/86		
	MP1111	BE	Insulation Displacement Connector For High Axial Strength	87304130.5	5/8/87		
	MP1112	BE	Universal End Plate-Gel Seal	87301044.1	2/5/87		
	MP1125	BE	Optical Fiber Termination Using An Elastic Convex Dam	87304031.5	5/6/87		
	MP1129	BE	Splice Closure System	87903804.0	5/29/87		
	MP1140COM	BE	Strained Distributed Optical Fiber Communication System	87307394.4	8/21/87		
	MP1155	BE	Coaxial Connector Moisture Seal	87309383.5	10/23/87		
	MP1177	BE	Optical Fiber Tap Utilizing Reflector	88301189.2	2/12/88		
	MP1184	BE	Alignment And Location Sleeve For Fiber Optic Contacts	88904743.7	3/21/88		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1206COM	BE	Terminal Block	88306146.7	7/6/88	0298713	2/9/94
	MP1210	BE	Annealing Bent Optical Fiber	88306933.8	7/27/88		
	MP1223	BE	Rotary Closure And Grommet	89901178.7	12/8/88		
	MP1238	BE	Telephone Junction Box And Switch Therefor	89902881.5	2/8/89	0408582	4/19/95
	MP1239COM	BE	Telecommunication Terminal Block Or Adapter	89903328.6	3/4/89		
	MP1240	BE	Telecommunications Terminal Block	89902605.8	2/17/89	0402374	1/25/95
	MP1243	BE	Cable Sealing Apparatus	89904715.3	4/4/89		
	MP1254	BE	Optical Fiber Jaw Connector	89905535.4	4/4/89		
	MP1258	BE	Splice Case	89905534.7	4/26/89	0414756	7/27/94
	MP1260	BE	Optical Fiber Termination Coating Dispenser				
	MP1275	BE	Rotary Connection Strain Relief On Terminal Block	89911333.6	9/19/89		
	MP1293	BE	E-Z-On Connectors	90909963.2	6/8/90	0476056	9/6/95
	MP1345COM	BE	Binding Post For Wide Tolerance Caps	90915250.6	9/21/90		
	MP1351	BE	Cable Television Connection System	90312384.2	11/13/90		
	MP1374A	BE	Alarm And Test System For A Digital Added Mail Line	95201384.5	8/1/91	0682435	1/13/99
	MP1374A	BE	Alarm And Test System For A Digital Added Mail Line	97200093.9	8/1/91	0771052	10/14/98
	MP1374A	BE	Alarm And Test System For A Digital Added Mail Line	91914225.7	8/1/91	0547067	12/20/95
	MP1374B	BE	Gel Filled Electrical Connector	93900806.6	12/3/92	0615662	3/4/98
	MP1374C	BE	Gel Filled Modular Electrical Connecting Block	94906610.4	1/12/94	0680666	6/9/99
	MP1391	BE	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	91918523.1	10/3/91		
	MP1403	BE	Ez Twist Consumer Type Connectors	92908712.0	3/20/92		
	MP1404	BE	Hermaphroditic Gel Closure	92908708.8	3/13/92		
	NC004	BE	Telecommunications Terminal Block	92922043.2	10/5/92	0685119	1/20/99
	NC012	BE	Fiber Optic Splice Closure	94902329.5	11/20/93	0671021	2/13/02
	NC022	BE	Improved Idc Having Wire Slippage Control	97937300.8	8/14/97	0919073	10/31/01

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC044	BE	Fiber Optic Splice Closure Including Side Pivoting Slack Storage Holder And Associated Methods	99971929.7	11/12/99	1137962	1/14/04
	NC047	BE	Bulbous Configured Fiber Optic Splice Closure And Associated Method	00935820.1	3/29/00	1175634	2/19/03
02316.3882BEEP	E-TO-00009	BE	Electrical Connector with Crosstalk Compensation	05849935.1	12/16/05	1829168	5/14/08
2316.1011/I2		BE	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	00939275.4	2/16/00	1 166 161	11/26/03
2316.1011/I4		BE	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	00964881.7	5/25/00	1185897	12/13/06
2316.1838/P2		BE	FIBER ACCESS TERMINAL	05728278.2	3/8/05	1730564	11/11/09
5487.225.WO	E-TO-00027	BE	Optical Fiber Repair Apparatus with Adjustable Guide Member and Methods for Using the Same	06740128.1	3/30/06	1872164	5/5/10
TYCEO/P32112EP	NC059	BE	Low Profile Optical Fibre Network Interface Enclosure	01204160.4	10/30/01	1203974	2/1/06
13621		BE	LOCAL AREA NETWORK INTERFACE	87904196.0	6/11/87	274487	1/11/95
8413		BE	ELECTRICAL TERMINALS FOR FLAT TWO-CONDUCTOR LEAD IN WIRE	149168	10/2/74	820649	4/2/75
WR014COM		BE	Cable Joint Assembly	170201	8/30/76	845666	12/16/76
WR017		BE	Wraparound-Rails With Helical Stitching	PVO/178720	6/23/77	856046	10/17/77
WR018		BE	Cable Joinder Assembly-Sleeve Heads Wholly Inside-Out	PVO/180055	8/9/77	857630	12/1/77
WR019		BE	Cable Sleve Assembly-Wraparound Sleeve Heads	PVO/186070	3/17/78	865057	7/17/78
WR020		BE	Rail And Channel - Rails By Sleeve Around Slottes Edge Clamps	PVO/189521	7/26/78	869290	
WR022		BE	Wraparound As Wr020 But Edge Clamps Segmented	PVO/192944	2/14/79	873539	5/16/79
WR024COM		BE	Inside Out Omega Wraparound	199602	2/28/80	881983	6/16/80
WR030		BE	Pull-Wire	PVO/206028	9/22/81	890450	1/18/82
WR031		BE	Catv Box ; Moulded Parts	81105584	7/16/81		
WR035		BE	Cable Marker Plate	82103744	5/3/82		
WR045		BE	Inside-Out Moulded End Part	82105976.3	7/5/82	0080016	6/12/85
WR061		BE	Feedthrough	84100404	1/17/84		
WR074COM		BE	Branch-Out X-Filling Piece In Sleeve End	85116244.6	12/19/85	0188777	3/15/89
WR082		BE	S.C.O.P. With Pattern Of Recesses	86304520.9	6/12/86		
WR090		BE	Fiber Optic Organizer	86110361.2	7/26/86	0216073	9/20/89
WR102		BE	Heat Shrink Radi With Removable Outlets	87301936.8	3/5/87	0236141	11/11/92
WR103		BE		87304348.3	5/15/87		
WR118		BE	Cable Cutting Tool	89105061	3/21/89		
WR119		BE	High Frequency Shielded Connection For Coax Cable	89110438.2	6/9/89		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR120		BE	Multi-Outlet Box For Cables	89111573.5	6/24/89		
WR133		BE	Electrical Plug Connector	90110859.7	6/8/90		
WR136		BE	Cable Splice				
WR137		BE	Connection To Terminal Plate. Similarity To D. Terminator	91907679.4	4/12/91		
WR140		BE	Mechanical Radi Seal	91916615.7	9/12/91	0548203	8/21/96
WR142		BE		91920407.3	11/27/91		
WR145		BE	Fibre Optic Housing With Consumer Tap And Lead To Next Consumer I Same Housing.	92109429.8	6/4/92	0531628	9/25/96
WR156		BE	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	93919538.4	9/14/93		
WR160		BE	Catv Splitter With Variable Attenuation	94903960.6	1/6/94	0678221	6/4/97
WR163		BE	Uteic With Dust Flap	94919793.3	7/8/94		
WR164		BE	Uteic Cable Gripper With Self-Centring	94902984.7	1/6/94		
WR166		BE	Shaped Silicone Rubber Seal For Uteic Closure	94924915.5	8/23/94		
WR168		BE		94931106.2	10/27/94		
WR172		BE	Catv Tap With Power Tap-Off	95932823.8	9/26/95		
2316.0372		BG	MINIATURE COAX JACK MODULE	99,079	7/14/92		
	03-010	BG	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	01-004	BG	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	00-015	BG	Electrical Connector	107550	7/26/01	65462	4/7/08
	03-003	BG	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-006	BG	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	04-014	BG	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	BG	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	00-004	BG	Duplex connector for fiber clips	PCT/EP01/03233	3/21/01	1275022	6/18/08
	03-013	BG	Construction kit for distribution cabinets	04006018.8	3/12/04		
	02-003	BG	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	03-012	BG	Slipover distribution cabinet	04713893.8	2/24/04	1597804	1/17/07
	03-001	BG	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	04-012	BG	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	06-010	BG	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	87-077	BG	Device for holding connector banks in telecommunication systems	85512	9/26/88	49058	5/24/93

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-012	BG	Cutting Clamping Contact	94535	5/31/91	60129	2/7/95
	90-015	BG	Protective circuit and protective device plug for telecommunication installations	94935	8/1/91	61150	12/17/97
	91-014	BG	Cutting and clamping sleeve contact	96860	9/10/92		
	94-031	BG	Protection plug	99849	8/8/95	61628	1/11/99
	95-016	BG	Terminal block for high transmission rates	100,813	9/2/96	62749	1/26/00
	96-002	BG	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	101,319	3/12/97	62425	11/30/99
	96-006	BG	Earthing module	101398	4/9/97		
	96-007	BG	Termination tool	101397	4/9/97		
	96-011	BG	High density high performance connector	101480	5/12/97	62585	5/3/99
	96-018	BG	Clamping device	102042	11/13/97		
	96-019	BG	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	102088	12/1/97		
	96-020	BG	Terminal, isolating or connecting strip	102103	12/4/97	63355	10/31/01
	97-002	BG	Outdoor housing	102271	2/4/98		
	97-003	BG	Protection Plug	102270	2/24/98	63098	10/13/00
	97-008	BG	Arrangement of contact pairs for compensation of near-end crosstalk	102269	2/24/98		
	97-012	BG	Distribution block for telecommunication and data technology	102294	3/5/98	63099	10/13/00
	97-013	BG	Stationary housing with wall elements made of plastic	102293	2/25/98		
	97-016	BG	Overvoltage protection module	102421	4/30/98	63323	5/21/01
	98-002	BG	Support body for an electrical contact arrangement	104,512	1/21/99		
	98-013	BG	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	104947	5/12/99	64015	6/24/03
	98-022	BG	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-024	BG	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	99-017	BG	Connecting cable with an electrical plug connection	106750	11/16/00	64720	9/15/05
	ITRACS001	BG	A System for Monitoring Connection Pattern of Data Ports		4/5/00	65360	9/20/07

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC011	BG	Telecommunications Network Interface Assembly	98357	5/11/93		
WR148		BG	Hand Operated Multiple Wire Connector With Guide Slots				
WR155		BG	Silicone Rubber Seal For Box	99414	8/11/93		
WR165		BG	Catv Box For In-Line/Butt Connection	100381	8/23/94		
WR166		BG	Shaped Silicone Rubber Seal For Uteic Closure				
WR168		BG					
	99-017	BJ	Connecting cable with an electrical plug connection	PCT/EP00/11348	11/16/00		
	96-020	BN	Terminal, isolating or connecting strip	76532	1/28/02	RP/1/2002	1/31/02
	ITRACS001	BN	A System for Monitoring Connection Pattern of Data Ports		4/5/00	RP/61/2007	11/29/07
	ITRACS001	BN	A System for Monitoring Connection Pattern of Data Ports		4/5/00	RP/63/2007	11/29/07
	87-077	BO	Device for holding connector banks in telecommunication systems	0105	5/20/88	B-5061	2/21/92
	90-012	BO	Cutting Clamping Contact	0146	5/2/91	B-5055	2/21/92
	90-015	BO	Protective circuit and protective device plug for telecommunication installations	0147	6/25/91	B-5057	2/21/92
	91-014	BO	Cutting and clamping sleeve contact	0168	2/27/92	5193-B	10/11/95
	99-016	BO	STC-Module	PI-0231-2000	11/21/00		
100.0019		BR	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	PI0112653-9	7/3/01		
100.0061		BR	MULTI-POINT TO POINT COMMUNICATION SYSTEM	PI9607031-5	2/6/96		
100.01		BR	REDUCING WAITING TIME JITTER	PI9914992-3	11/2/99		
100.0157		BR	HIGH FREQUENCY AMPLIFICATION CIRCUIT	PI0114577-0	10/10/01		
100.0408		BR	TEST ACCESS SYSTEM AND METHOD FOR DIGITAL COMMUNICATION LINKS	PI98144898	12/23/98		
100.0409		BR	TEST ACCESS SYSTEM AND METHOD FOR DIGITAL CROSS CONNECT COMMUNICATION NETWORKS	PI00114189	6/7/00		
100.0411		BR	TEST ACCESS AND PERFORMANCE MONITORING SYSTEM AND METHOD FOR CROSS-CONNECT COMMUNICATION NETWORK	PI9815810-4	12/23/98		
100.0414		BR	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	PI0016444-5	12/14/00		
100.0567		BR	SCALABLE DISTRIBUTED RADIO NETWORK	PI0607243-7	2/1/06		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0707		BR	PROVIDING WIRELESS COVERAGE INTO SUBSTANTIALLY CLOSED ENVIRONMENTS	PI 0611882-8	6/8/06		
100.1095		BR	METHOD OF INSERTING CDMA BEACON PILOTS IN OUTPUT OF DISTRIBUTED REMOTE ANTENNA NODES	PI1012858-1	5/18/10		
100.1115		BR	AGGREGATION OF PHYSICAL LAYER INFORMATION RELATED TO A NETWORK	PI1008412-6	2/12/10		
100.1161		BR	INTER-NETWORKING DEVICES FOR USE WITH PHYSICAL LAYER INFORMATION	PI1008408-8	2/12/10		
100.1162		BR	NETWORK MANAGEMENT SYSTEMS FOR USE WITH PHYSICAL LAYER INFORMATION	PI1008426-6	2/12/10		
100.1163		BR	MANAGED CONNECTIVITY DEVICES, SYSTEMS, AND METHODS	PI1008410-0	2/12/10		
100.1207		BR	INTELLIGENT FIBER CABLE MANAGEMENT USER APPLICATION	BR 11 2014 012438 8	11/21/12		
100.1239		BR	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE	11 2014 032220 1	12/22/14		
2316.0372		BR	MINIATURE COAX JACK MODULE	PI9207121	7/14/92		
2316.0691		BR	SWITCHING COAX JACK DEVICE	PI9807789-9	3/23/98		
2316.0706		BR	AMPLIFIER SWITCH CONTROLLER AND SYSTEM	PI9713689-1	12/9/97		
2316.0777		BR	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	PI9808652-9	3/23/98		
2316.0786		BR	FIBER CONNECTOR AND ADAPTER	PI9809653-2	5/14/98		
2316.0786		BR	FIBER CONNECTOR AND ADAPTER	PI9816259-4	12/11/08		
2316.0786		BR	FIBER CONNECTOR AND ADAPTER	PI9913685-6	9/1/99		
2316.0926		BR	OUTSIDE PLANT FIBER DISTRIBUTION APPARATUS AND METHOD	PI9912463-7	7/26/99		
2316.0942		BR	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	PI9910906-9	5/20/99		
2316.0951		BR	FIBER OPTIC ADAPTER, INCLUDING HYBRID CONNECTOR SYSTEM	PI9915563-0	11/10/99		
2316.0960		BR	FIBER OPTIC MODULE	PI99122800-4	7/14/99		
2316.0988		BR	JACK ASSEMBLY	PI9915283-5	11/5/99		
2316.0988		BR	JACK ASSEMBLY	PI9917895-8	7/11/11		
2316.1051		BR	HIGH DENSITY PATCHING SYSTEM	PI0009777-2	4/11/00		
2316.1229		BR	LOW PROFILE TELECOMMUNICATIONS JACK WITH LAMP SWITCH	PI0115168-1	10/30/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1348		BR	TELECOMMUNICATIONS JACK SUBASSEMBLY	PI0115256-4	10/30/01		
2316.1362		BR	DIGITAL SWITCHING CROSS-CONNECT MODULE	03055655	7/10/03		
2316.1365		BR	TELECOMMUNICATIONS CONNECTOR	PI0305566-3	7/10/03		
2316.1397		BR	CARD EDGE COAXIAL CONNECTOR	PI0308932-0	3/21/03		
2316.1481		BR	DSX JACK INCLUDING SLIDING REAR CONNECTOR	PI0208848-7	4/11/02		
2316.1486		BR	CARD EDGE CONTACT INCLUDING COMPLIANT END	PI 0211998.6	8/6/02		
2316.1605		BR	FRONT ACCESS DSX ASSEMBLY	PI 0212051.8	9/16/02		
2316.1637		BR	TRIAXIAL CONNECTOR ADAPTER AND METHOD	PI0306867-6	1/16/03		
2316.1638		BR	TRIAXIAL CONNECTOR INCLUDING CABLE CLAMP	PI0306865-0	1/16/03		
2316.1690		BR	TELECOMMUNICATIONS CONNECTOR ADAPTED FOR BI-DIRECTIONAL INSERTION	PI0305567-1	7/10/03		
2316.1692		BR	REAR ACCESS DSX SYSTEM	PI0315427-0	10/8/03		
2316.1693		BR	HIGH DENSITY DSX SYSTEM	PI0315410-6	10/8/03		
2316.1777		BR	COAXIAL MODULE WITH SURGE PROTECTOR	PI0407923-0	2/19/04		
2316.1795		BR	TRIAXIAL BULKHEAD CONNECTOR	PI0412079-5	8/10/04		
2316.1808		BR	JACK WITH MODULAR MOUNTING SLEEVE	PI 0415688-9	10/29/04		
2316.1822		BR	LONG FRAME HIGH DENSITY PATCHING SYSTEM	PI0513539-7	7/20/05		
2316.1850		BR	DSX MODULE WITH PERFORMANCE MONITORING	PI0513488-9	7/18/05		
2316.1868		BR	HIGH DENSITY COAXIAL SWITCHING JACK	PI0607573-8	4/7/06		
2316.1869		BR	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	PI0515077-9	9/9/05		
2316.1888		BR	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	PI0415638-2	10/14/04		
2316.1888		BR	CABLE WITH OFFSET FILLER	PI0416098-3	10/14/04		
2316.1892		BR	Cable with twisting filler and shared sheath	PI0208925-4	4/16/02		
2316.1894		BR	Tuned patch cable	PI0011031-0	5/25/00	PI0011031-0	4/6/10
2316.1895		BR	Low delay skew multi-pair cable and method of manufacture	PI0011561-4	5/25/00	PI0011561-4	6/15/10
2316.1896		BR	Optimizing lan cable performance	PI0011013-2	5/24/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1897		BR	Cable assembly with molded stress relief and method for making the same	PI0011557-6	5/25/00		
2316.1906		BR	Cable with twisting filler	PI9912785-7	8/6/99		
2316.1912		BR	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	PI0517939-4	11/2/05		
2316.2069		BR	LOOP PLUG	PI0607089-2	1/27/06		
2316.2113		BR	CABLE TROUGH SYSTEM AND METHOD	PI0616988-0	9/29/06		
2316.2114		BR	FIBER OPTIC SPLITTER MODULE	PI0611030-4	5/18/06		
2316.2115		BR	FIBER OPTIC ADAPTER MODULE	PI0611416-4	5/18/06		
2316.2126		BR	SYSTEMS AND METHODS FOR LIFTING A TERMINAL ENCLOSURE IN BELOW GROUND APPLICATIONS	PI0611040-1	5/18/06		
2316.2137		BR	FIBER OPTIC ADAPTER MODULES WITH IDENTIFICATION SYSTEM	PI0614648-1	7/31/06		
2316.2140		BR	SPLICE CHIP DEVICE	PI0615268-6	8/22/06		
2316.2143		BR	STACKABLE SPLICE CHIP DEVICE	PI0615366-6	8/22/06		
2316.2149		BR	OUTSIDE PLANT ENCLOSURE WITH PIVOTING FIBER TRAYS	PI0615587-1	8/28/06		
2316.2171		BR	CRIMPED CENTER CONDUCTOR	PI0617958-4	10/11/06		
2316.2276		BR	SPLICE TRAY ARRANGEMENT	PI 0619400-1	11/29/06		
2316.2306		BR	HIGH DENSITY COAXIAL JACK	PI0710633-5	4/19/07		
2316.2313		BR	MODULAR POWER DISTRIBUTION SYSTEM AND METHODS	PI0706653-8	1/18/07		
2316.2314		BR	FIBER OPTIC SPLITTER MODULE	PU0707734-3	2/6/07		
2316.2366		BR	CABLE MANAGER INCLUDING NESTABLE RADIUS LIMITER	PI0710045-0	4/2/07		
2316.2367		BR	INTELLIGENT PATCHING SYSTEM AND METHOD	PI0709026-9	3/16/07		
2316.2371		BR	UNIVERSAL BRACKET FOR MOUNTING A DROP TERMINAL	PI0710576-2	4/4/07		
2316.2372		BR	CABLE PAYOUT SYSTEMS AND METHODS	PI0716493-9	7/31/07		
2316.2421		BR	ACTIVE SIGNAL CROSS-CONNECT SYSTEM	PI0716718-0	8/31/07		
2316.2434		BR	FUSE AND BREAKER ALARM DEVICE AND METHOD USING A FINITE STATE MACHINE	PI0718990-7	10/24/07		
2316.2459		BR	Network Interface Device	PI0718928-1	11/20/07		
2316.2460		BR	HARDENED FIBER OPTIC CONNECTOR	PI0807402-0	1/23/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2492		BR	METHODS, SYSTEMS AND DEVICES FOR INTEGRATING WIRELESS TECHNOLOGY INTO A FIBER OPTIC NETWORK	PI1010245-0	3/5/10		
2316.2498		BR	HARDENED FIBER OPTIC ADAPTER	PI0807860-2	1/3/08		
2316.2503		BR	Field Terminatable Fiber Optic Connector Assembly	PI0810648-7	4/11/08		
2316.2540		BR	OVERVOLTAGE PROTECTION PLUG (Design)	DI6702599-4	8/28/07	DI6702599-4	6/24/08
2316.2595		BR	FIBER OPTIC MODULE	PI0813932-6	6/12/08		
2316.2601		BR	Mini Drop Terminal	PI0817857-7	10/9/08		
2316.2652		BR	Low Profile Fiber Distribution Hub	PI0805110-0	10/17/08		
2316.2670		BR	TELESCOPING COVER FOR CABLE TROUGH SYSTEM	PI0819906-0	12/4/08		
2316.2671		BR	FLEXIBLE COVER FOR CABLE TROUGH SYSTEM	PI0819900-0	12/4/08		
2316.2692		BR	Wall Box Adapted to be Mounted at a Mid-Span Access Location of a Telecommunications Cable	PI0906796-5	1/8/09		
2316.2712		BR	Fiber Optic Cable	PI0912040-8	5/28/09		
2316.2729		BR	BULKHEAD WITH ANGLED OPENINGS AND METHOD	PI0909714-7	3/16/09		
2316.2743		BR	REAR LATCH ARRANGEMENT FOR SLIDING DRAWER	PI0909256-0	3/17/09		
2316.2745		BR	DRAWER ARRANGEMENT WITH RACK AND PINION	PI0912574-4	5/4/09		
2316.2786		BR	Fiber Optic Splice Tray	PI0910475-5	4/16/09		
2316.2806		BR	OVERVOLTAGE PROTECTION PLUG (Design)	DI6805053-4	11/26/08	DI6805053-4	10/27/09
2316.2821		BR	FLEXIBLE EXTRUDED CABLE MOLDING SYSTEM, METHODS, AND TOOLS	PI0912121-8	5/27/09		
2316.2832		BR	FIELD TERMINABLE FIBER OPTIC ASSEMBLY	PI0915735-2	7/10/09		
2316.2863		BR	Telecommunications Jack with Adjustable Crosstalk Compensation	PI0921934-0	11/25/09		
2316.2864		BR	FIBER OPTIC ADAPTER CASSETTE WITH SNAP-FIT FRONT	PI0923241-9	12/4/09		
2316.2907		BR	RF CIRCUIT MODULE AND PANEL	PI1007380-9	1/6/10		
2316.2940		BR	FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING				
2316.2949		BR	RAPID UNIVERSAL RACK MOUNT DRAWER	BR112012001862-0	7/21/10		
2316.3012		BR	FIBER OPTIC ENCLOSURE WITH ADAPTER BULKHEAD POSITIONED BENEATH PIVOTAL SPLICE TRAY	BR112012001086-7	7/16/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3045		BR	ELECTRICAL PLUG FOR MANAGED CONNECTIVITY SYSTEMS	BR112012009258-8	10/19/10		
2316.3145		BR	TELECOMMUNICATIONS ASSEMBLY	BR112012032724-0	6/23/11		
2316.3185		BR	FIBER OPTIC CABLE WITH ELECTRICAL CONDUCTORS	BR112013002889	2/14/12		
2316.3259		BR	MULTI-FIBER CONNECTOR WITH SIDE LOADING OF FERRULE	BR112014012461-2	10/30/12		
2316.3328		BR	Cable Anchoring System for a Fiber Optic Enclosure	BR112014027393-6	5/2/13		
2316.3395		BR	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	BR112014024039	2/20/13		
2316.3399		BR	FIBER OPTIC ADAPTER BLOCK	BR112014017559-4	1/11/13		
2316.3446		BR	DEPLOYING OPTICAL FIBERS USING INDEXING TERMINALS				
2316.3448		BR	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	BR112014028660-4	5/17/13		
2316.3473		BR	RUGGEDIZED FIBER OPTIC CONNECTOR	BR112014029084-9	5/20/13		
2316.3528		BR	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES				
2316.3528		BR	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	BR 11 2015 000421 0	7/10/13		
2316.3554		BR	FIBER OPTIC CASSETTE	BR112015000070159	9/25/13		
2316.3555		BR	MANUFACTURE AND TESTING OF FIBER OPTIC CASSETTE	BR112015000070256	9/25/13		
2316.3718		BR	System and Method for Applying an Adhesive Coated Cable to a Surface	BR112015000078117	10/25/13		
	01-005	BR	Strain relief device for a Plug Connector for Communications and Data technology	PI0212581-1	8/12/02		
	09-001	BR	Telecommunications Connector	PI1006921-6	1/8/10		
	MP0192	BR	Heat-Recoverable Article With Self-Contained Heater	PI7506263	9/26/75	7506263	4/28/81
	MP0790COM	BR	Thermoweave	PI8400032	1/5/84	PI8400032-5	9/26/95
	MP0867	BR	Laminar Electrical Heaters	PI8402218	5/10/84	PI8402218	2/6/90
	MP1086	BR	Devices Comprising PTC Conductive Polymers	PI8604825	10/3/86		
	NC007	BR	Apparatus And Method For Uniformly Irradiating A Strand	PI9405741-9	2/25/94		
	00-004	BR	Duplex connector for fiber clips	PI0110109-9	3/21/01		
	00-008	BR	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	PI0111990-7	5/30/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-009	BR	Connection module with overvoltage device	PI0111672-0	5/30/01		
	00-011	BR	Multi wire insulation displacement contact and a method of making multi wire terminations	PI0102388-8	6/13/01		
	00-012	BR	Assembly and method for use in terminating an optical fiber or fibers	PI0111551-0	6/11/01		
	00-015	BR	Electrical Connector	PI0113277-6	7/26/01		
	00-019	BR	Optical Fibre Connection Housing	PI0114190-2	9/24/01		
	01-004	BR	Universal adapter	PI0212103-4	7/27/02		
	01-007	BR	Terminal block	PI0213201-0	9/13/02		
	02-001	BR	Access guard for distributor modules	PI0308279-2	2/21/03		
	02-002	BR	Plug for connection modules and method for its manufacture	PI0308470-1	2/20/03		
	02-005	BR	Distribution box connection module for telecommunications and data technology	PI0313244-7	7/18/03		
	02-006	BR	Patch Cord Connector	PI0313187-4	7/16/03		
	03-003	BR	Overvoltage protection magazine for a telecommunications device	PI0409354-2	3/26/04		
	03-005	BR	Conductor connection module for printed circuit boards	PI0412831-1	6/24/04		
	03-006	BR	Distribution board connection module	PI0413805-8	8/12/04		
	07-025	BR	Connecting strip and contact element for telecommunications and data technology	PI0812141-9	5/16/08		
	09-003	BR	Overvoltage protection magazine or plug and method for the production of an overvoltage protection magazine or plug		12/18/09		
	05-011	BR	Insulation displacement connector and equipment for telecommunications and data technology	PI0613620-6	7/17/06		
	04-004	BR	Connection module for telecommunications and data technology	PI0515152-0	8/30/05		
	04-014	BR	Cable connector for printed circuit boards	PI0519929-8	11/3/05		
	09-008	BR	Patch panel for an optical distribution frame	PI0924474-3	12/16/09		
	11-014	BR	Surface-Mountable Enclosure	BR112014001060-9	7/26/12		
	82-035	BR	Terminal element for cable wires and drop wire cables	PI8301477	3/23/83	8301477	8/27/85
	83-040	BR	A terminal strip	PI8306070	11/4/83	8306070	7/26/88
	83-140	BR	A cable distribution head	PI8305772	10/19/83	8305772	10/15/90

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	84-147	BR	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	PI8403799	7/31/84	PI8403799	12/27/88
	85-003	BR		PI8602810	6/17/86		
	86-019	BR	Connector bank for cable wires, in particular for telephone cables	PI8702103	4/29/87	8702103	7/27/93
	86-064	BR	A casing, particulary a junction-box casing for telecommunications engineering	PI8703698	7/15/87	8703698	9/28/93
	86-066	BR	Cutting/clamping terminal element for electrical conductors	PI8705953	11/5/87	8705953	3/26/94
	86-069	BR	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	PI8706534	12/2/87	PI8706534	12/26/95
	87-075	BR	Connector bank for telecommunication devices	PI8803910	8/5/88	8803910-2	10/25/94
	87-077	BR	Device for holding connector banks in telecommunication systems	PI8804220	8/19/88	8804220-0	4/26/94
	87-077	BR	Device for holding connector banks in telecommunication systems	PI8807932	8/19/88	8807932-5	1/31/95
	88-086	BR	Tool for connecting cable wires	PI8900460	2/2/89	PI8900460	5/30/95
	88-088	BR	Protective plug for connector or disconnector banks	PI8901840	4/19/89	PI8901840	3/28/95
	88-092	BR		PI8805396	10/19/88		
	88-095	BR	Contact member of electrical conductors	PI8904118	8/16/89	PI8904118	9/26/95
	88-098	BR	Plug connector for telecommunication and data systems	PI8906064	11/30/89	PI8906064	9/26/95
	89-010	BR	Wire connector for cable wires, in particular of telecommunication cables	PI9005277	10/19/90		
	89-101	BR	Plug connector	PI9000096	1/11/90		
	89-102	BR	Shield connecting element for a connector bank	PI9000321	1/25/90	PI9000321	11/28/95
	90-002	BR	Voltage limiter	PI9100513	2/7/91		
	90-006	BR	Connecting block for the telecommunication and data technology	PI9101003	3/13/91		
	90-011	BR	Terminal block for telecommunications systems	PI9101840-4	5/7/91	PI9101840-4	6/29/99
	90-012	BR	Cutting Clamping Contact	PI9102218	5/29/91	PI9102218-5	11/16/99
	90-015	BR	Protective circuit and protective device plug for telecommunication installations	PI9103457	8/13/91	PI9103457-4	12/29/98
	91-010	BR		9202846	7/23/92		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	91-013	BR	Terminal bank for the telecommunication and data technology	PI9203287	8/21/92		
	91-014	BR	Cutting and clamping sleeve contact	PI9203544	9/11/92		
	92-004	BR	Case, in particular cable branching case	PI9300677	2/26/93		
	92-006	BR	Cutting and clamping Terminal Element	PI9300726	3/3/93		
	92-022	BR	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	PI9304079	12/8/93		
	92-024	BR	Signal-connector with capacitive adjustment for improved crosstalk parameters	PI9304707-0	11/11/93	PI9304707-0	7/25/00
	92-026	BR	Method and arrangement for establishing networks of electro-optical display-field modules	PI9304679	11/10/93		
	93-005	BR	Closing device for the door of a casing	PI 9400345-9	1/26/94	PI 9400345-9	7/25/00
	93-006	BR		PI 94000363-7	1/27/94		
	93-009	BR	Distribution device, in particular for the main distribution device of telephone and data lines	PI 9304753	11/17/93		
	93-015	BR	Cable branching device	PI 9401870-7	5/4/94	PI9401870-7	9/19/00
	93-020	BR	Termination module	PI 9304752	11/17/93		
	93-021	BR	Connection module	PI 9304751	11/17/93	PI9304751-7	7/25/00
	93-023	BR	Connection block for high speed transmission in the telecommunication and data system	PI9402939-3	7/26/94	PI9402939-3	5/30/00
	93-030	BR	Terminal block	PI9403820-1	9/22/94		
	93-032	BR	Electrical Plug Connector	PI9403993-3	10/5/94		
	93-034	BR	Termination unit for telecommunication and data lines	PI 9404910-6	12/9/94		
	93-036	BR	Coupling device between a glass fibre and a dielectric waveguide	PI9405202-6	12/21/94		
	93-040	BR	Process for reducing the tearability of a thermally shrinkable web	PI9401563-5	4/20/94		
	94-003	BR	Digital electronic Loop Crossconnect & Carrier System	PI9405225-5	3/29/94		
	94-005	BR	Separation spark gap for limiting the maximum voltage on a surge arrester	PI9500337-1	1/26/95		
	94-007	BR	Insulation displacement contact element	PI 9500288-0	1/24/95	PI9500288-0	6/13/00
	94-012	BR	Obliquely disposed insulation displacement contact	PI9501236-2	3/28/95	PI9501236-2	3/20/01
	94-015	BR	Housing for optical components	PI9501768-2	4/25/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-018	BR	Automatic distribution device for telecommunication and data lines	PI9502810-2	6/14/95		
	94-021	BR	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	9503039-5	6/30/95	PI9503039-5	3/6/01
	94-022	BR	Electrical Plug Connector	PI 9503399	7/21/95	PI9503399	8/8/00
	94-025	BR	Printed Circuit Board for Connectors	PI9503581-8	8/8/95	PI9503581-8	3/20/01
	94-031	BR	Protection plug	PI9504231-8	9/29/95		
	94-032	BR	Terminal element	PI9504313-6	10/6/95	PI9504313-6	4/16/02
	94-035	BR	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	PI9505040-0	11/1/95	PI9505040-0	4/17/01
	94-036	BR	Cable protection element	9505026-4	10/31/95		
	94-037	BR	19"Racking system	9505027-2	10/31/95		
	95-009	BR	Switching field	PI9603444-0	8/15/96		
	95-010	BR	Electrical Connector	PI9603511-0	8/22/96	PI9603511-0	6/6/06
	95-012	BR	Distribution device for telecommunications and data technique	PI9603936-1	9/27/96		
	95-013	BR	Termination device for the telecommunication and data technique	PI9603915-9	9/26/96		
	95-016	BR	Terminal block for high transmission rates	PI 9603906-0	9/26/96		
	95-019	BR	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	PI 9603904-3	9/26/96		
	95-020	BR	Automatic re-arrangement and distribution device for telecommunication and data lines	PI9603938-8	9/27/96		
	96-001	BR	Electronic access control and security system	PI9701225-4	3/7/97		
	96-002	BR	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	PI9701324-2	3/18/97	PI9701324-2	11/4/08
	96-005	BR	Management-capable splice cassette	PI9701303-0	3/14/97		
	04-009	BR	Tool for connecting cable cores	PI0517722-7	10/31/05		
	96-008	BR	Mounting assembly for electrical termination blocks	PI9701911-9	4/23/97	PI9701911-9	4/7/09
	96-011	BR	High density high performance connector	PI9703372-3	5/22/97		
	96-013	BR	Connecting terminal	PI9705029-6	10/14/97		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-018	BR	Clamping device	PI9705807-6	11/21/97	PI9705807-6	2/25/09
	96-019	BR	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	PI9705512-3	12/10/97	PI9705512-3	11/3/09
	96-020	BR	Terminal, isolating or connecting strip	PI9706242-1	12/9/97	PI9706242-1	2/19/02
	96-021	BR	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	PI9706453-0	12/22/97		
	97-002	BR	Outdoor housing	PI9800824-2	3/4/98		
	97-003	BR	Protection Plug	PI9800775-0	2/26/98	PI9800775-0	12/1/09
	97-008	BR	Arrangement of contact pairs for compensation of near-end crosstalk	PI9800825-0	3/4/98		
	97-012	BR	Distribution block for telecommunication and data technology	PI9800863-3	3/10/98		
	97-013	BR	Stationary housing with wall elements made of plastic	PI9801119-7	3/11/98		
	97-016	BR	Overvoltage protection module	PI9801184-7	5/8/98		
	97-018	BR	Overvoltage protection plug with fail-safe device	PI9801717-9	5/28/98		
	97-019	BR	Interface module	PI9801751-9	6/2/98		
	97-023	BR	Method for designing a telecommunications and data network	PI9811916-8	8/6/98		
	97-025	BR	Casing	PI9804502-4	10/16/98	PI9804502-4	11/3/10
	09-005	BR	Strain relief device	PI0924942-7	12/16/09		
	97-032	BR	Patch Panel with retractable patch cord	PI9805731	12/29/98		
	98-010	BR	Electrical Connector	PI9901391-6	4/20/99		
	98-013	BR	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	PI9910608-6	5/12/99		
	98-022	BR	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-024	BR	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-025	BR	Shielding device for connection strips in telecommunications and data engineering	PI9915558-3	10/14/99		
	99-002	BR	Surge arrester mounting unit for telecommunications and data systems equipment	PI0000532-0	1/11/00		
	99-006	BR	Device for mounting terminal strips for telecommunication, control power and data technology	PCT/EP00/01685	2/29/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	99-007	BR	Connector element with closure device	PCT/EP00/02122	3/10/00		
	99-008	BR	Unit with wire termination and RJ style plug	PI0011091-4	5/29/00		
	99-013	BR	Interconnection device for telephone/data lines with tool less wire termination and easy disconnection for testing	PCT/EP00/06500	7/8/00		
	03-002	BR	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	PI0408208-7	2/27/04		
	99-016	BR	STC-Module	PCT/EP00/10882	11/4/00		
	99-017	BR	Connecting cable with an electrical plug connection	PI0016288-4	11/16/00		
	E-TO-00091	BR	Connector Receptacle Assembly	PI0708903-1	3/13/07		
	MP0245COM	BR	Method For Form Closure Using Ht Recover Sheet Material	PI7708360	12/15/77		
	MP0268	BR	Heat Recoverable Articles And Their Uses	PI7902415	4/19/79		
	MP0766	BR	Fiber Optic Splicing	8202420	4/27/82		
	MP0781COM	BR	Flat Sheet Closure & Method	PI8205250	9/8/82		
	MP0798COM	BR	Fiber Optic Organizer	PI8300178	1/14/83		
	MP0838COM	BR	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	PI8305612	10/11/83	PI8305612	5/29/90
	MP0850	BR	Optical Fiber Adhesive Joint Tube - Hourglass Shape	PI8400550	2/8/84		
	MP0855	BR	A Mechanical Coupling Assembly And Method Of Using Same	PI8406497	3/29/84		
	MP0871A	BR	Protective Article	PI8601317	3/24/86		
	MP1018	BR	Splice Case	PI8507156	12/31/85	PI8507156	8/25/92
	MP1027	BR	Closure Including Gel-Filled End Seals	PI8600494	2/5/86	PI8600494	4/28/92
	MP1028COM	BR	Drop Wire Closure Having First And Second Cams	PI8600493	2/5/86	PI8600493	4/28/92
	MP1064	BR	Optical Fiber Distribution Network	PI8603241	7/10/86		
	MP1111	BR	Insulation Displacement Connector For High Axial Strength	PI8702356	5/8/87		
	MP1129	BR	Splice Closure System	PI8707344	5/29/87	PI8707344	9/28/93
	MP1206COM	BR	Terminal Block	PI8803403	7/7/88	PI8803403	10/25/94
	MP1223	BR	Rotary Closure And Grommet	8807834	12/8/88	PI8807834	6/27/95
	MP1239COM	BR	Telecommunication Terminal Block Or Adapter	8907302	3/4/89		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1275	BR	Rotary Connection Strain Relief On Terminal Block	8907662	9/19/89		
	MP1286	BR	Coaxial Cable Connector	PI9007375	5/15/90		
	MP1317	BR	Telecommunications Terminal Housing & Method Of Encl A Telecomm Terminal Within A Minimum Clearance Opening Container	PI9007601	8/17/90		
	MP1319	BR	Optical Fiber Connector Which Provides A High Signal Return Loss				
	MP1345COM	BR	Binding Post For Wide Tolerance Caps	PI9007676-1	9/21/90		
	MP1391	BR	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	PI9106971	10/3/91		
	MP1403	BR	Ez Twist Consumer Type Connectors	PI9205791	3/20/92		
	MP1404	BR	Hermaphroditic Gel Closure	PI9205769	3/13/92		
	MP1431	BR	Hybrid Fiber In The Loop Telephony System	PI9306009-2	2/22/93		
	MP1432	BR	Low Temperature Expandable Gaskets	PI9306846-8	8/6/93		
	MP1452	BR	Coaxial Cable Connection Protection System	PI9306709	7/9/93		
	MP1461	BR	Coaxial Cable Connection Method And Device Using Oxide Inhibiting Sealant	PI9307487	11/22/93		
	MP1476	BR	Oval Port Seal	PI9407142-0	7/21/94		
	MP1511	BR	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	PI9507836-3	5/30/95		
	MP1514	BR	Environmental Protection Device With Manually Operated Latch Mechanism	PI9507832-0	5/17/95		
	MP1532	BR	Coaxial Cable Tap And Method Of Connecting To An Operational Coaxial Cable Without Interrupting Transmitted Signals	PI9608263-1	4/23/96		
	MP1540	BR	Coaxial Cable Connector				
	MP1541	BR	Locking Coaxial Cable Connector And Adaptor	PI9510531-0	12/21/95		
	NC001	BR	Environmental Sealing				
	NC006	BR	Gas Tube Vent-Safe Device	PI9306635	6/29/93		
	NC008	BR	Surge Arrestor Fail Safe Thermal Overload Mechanism	PI9306641	6/2/93		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC010	BR	Enclosure Assembly For Telecommunication Cables	PI9306559	6/15/93		
	NC012	BR	Fiber Optic Splice Closure	PI9307525-1	11/20/93		
	NC016	BR	Fiber Optic Splice Closure And Associated Methods	PI9406480	4/18/94		
	NC017	BR	Fiber Optic Cable System Including Main And Drop Cables And Associated Fabrication Method				
	NC024	BR	Splice Closure For Buried Telecommunications Cables	PI9606682-2	10/4/96		
	NC036	BR	Telephone Subscriber Line Module	PI9812548-6	9/25/98		
	NC041	BR	Line Protector For A Communication Circuit	PI0012458-3	6/28/00		
	NC044	BR	Fiber Optic Splice Closure Including Side Pivoting Slack Storage Holder And Associated Methods	PI9915336-0	11/12/99		
	NC045	BR	Fiber Optic Splice Closure Including End Pivoting Slack Storage Holder And Associated Methods	PI9915338-6	11/12/99		
	NC048	BR	Fiber Optic Splice Closure Including End Pivoting Slack Storage Holder With Adjustable Rear Wall And Associated Methods	PI0010608-9	3/29/00		
	NC049	BR	Sealant-Filled Electrical Connector And Method For Forming The Same	PI0009429-3	6/29/00		
	NC066	BR	Connector Assembly for Use with Connector Plug	PI0309434-0	3/13/03		
	NC074	BR	Toggle Type Telecommunications Terminal Blocks Including a Travel Limit Member	PI0416183-1	10/7/04		
02316.3392BRWO	TO-00402	BR	Portable Device for Attaching a Connector to an Optical Fiber	BR112013021016-8	2/7/12		
02316.3413BRWO	TO-00509	BR	Optical Fiber Connection System Including Optical Fiber Alignment Device	BR112014019514-5	2/6/13		
02316.3597BRWO		BR	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
02316.3625BRWO		BR	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.3627BRWO		BR	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.3845BRWO	18204	BR	Method and Apparatus for Providing Out of Band Communications Over Structured Cabling	PI05166276	11/29/05		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3882BRWO	E-TO-00009	BR	Electrical Connector with Crosstalk Compensation	PI0518956-0	12/16/05		
02316.3887BRWO	E-TO-00088	BR	Receptacle with Crosstalk Optimizing Contact Array	PI0708730-6	3/9/07		
02316.3889BRWO	E-TO-00090	BR	Electrical Connector Having Contact Plates	PI0710703-0	4/26/07		
02316.3980BRWO	TO-00425	BR	Fiber Optic Adapters and Connector Devices with Mounting Features and Mounting Systems and Methods Including the Same	BR112013025411-4	3/14/12		
02316.3986BRWO	TO-00266	BR	Fiber Optic Multi Dwelling Unit Deployment Apparatus and Methods for Using the Same	PI0922205-7	12/7/09		
02316.3996BRWO	NC014	BR	Telecommunications Terminal Block	PI9405923	4/12/94	PI9405923-3	9/19/00
02316.3998BRWO	MP1492	BR	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	PI9507352-3	4/6/95	PI9507352-3	1/22/02
02316.3999BRD2	MP1374C	BR	Gel Filled Modular Electrical Connecting Block	PI9408688-5	9/28/00	PI9408688-5	3/5/02
02316.3999BRW1	MP1374B	BR	Gel Filled Electrical Connector	PI9206848-0	12/3/92	PI9206848-0	7/11/00
02316.3999BRW2	MP1374C	BR	Gel Filled Modular Electrical Connecting Block	PI9405662-5	1/12/94	PI9405662-5	3/5/02
02316.3999BRWO	MP1374A	BR	Alarm And Test System For A Digital Added Mail Line	PI9106814-2	8/1/91	PI9106814-2	4/16/02
02316.4000BR01	NC004	BR	Telecommunications Terminal Block	PI9203950-2	10/9/92	PI9203950-2	3/8/00
02316.4029BRWO	NC005	BR	Fiber Optic Splice Organizer And Associated Method	PI9306643	6/29/93		
100.0047/01		BR	CELLULAR RADIO SYSTEM WITH CENTRALIZED LOCATED BASE STATIONS AND DISTRIBUTED ANTENNA UNITS	PI9406730-9	5/25/94	PI9406730-9	4/2/02
12494-00082	ITRACS001	BR	A System for Monitoring Connection Pattern of Data Ports	PI0009575-3	4/5/00		
2316.1006/01		BR	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	PI0007466-7	1/3/00		
2316.1007/I1		BR	TELECOMMUNICATIONS JACK ASSEMBLY	PI0007515-9	1/4/00		
2316.1011/I2		BR	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	PI0008651-7	2/16/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1011/I4		BR	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	00112542	5/25/00		
2316.1910/WO		BR	Communication wire	PI0314747-9	9/8/03		
2316.2298/U1		BR	FIBER DROP TERMINAL	PI0517936-0	11/2/05		
2316.2336/01		BR	FIBER DISTRIBUTION HUB WITH SWING FRAME AND MODULAR TERMINATION PANELS	PI0707732-7	2/7/07		
2316.2336/P1		BR	FIBER DISTRIBUTION HUB WITH OUTSIDE ACCESSIBLE GROUNDING TERMINALS	PI0707783-1	2/7/07		
2316.2467/01		BR	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	PI0718923-0	11/28/07		
2316.2467/I1		BR	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	PI0719571-0	11/28/07		
2316.2584/P1		BR	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	PI0811443-9	5/6/08		
2316.2584/P2		BR	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	PI0815601-8	8/5/08		
2316.2584/P4		BR	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	PI 0816283-2	9/4/08		
2316.3835BRWO	E-TO-00125	BR	Interface Module	PI07191677	10/9/07		
P12.482 BR/10-008 BR	10-008	BR	Connecting box for glass fiber cables	BR112012023100	1/10/11		
13889		BR	EXPLOSIVELY-OPERATED ELECTRICAL CONNECTOR	PI8706897-4	12/17/87	PI8706897-4	11/29/94
14294		BR	CROSS CONNECT BLOCK TERMINAL	PI9000432-9	1/31/90	PI9000432-9	4/30/96
14305		BR	CYLINDRICAL INSULATION DISPLACING CONNECTOR	PI8903087-7	6/23/89	PI8903087-7	1/31/95
15030		BR	PROTECTOR MOUDULE FOR TELEPHONE LINE JUNCTION BOX AND METHOD	PI9301385-0	3/31/93	PI9301385-0	3/8/00
15239		BR	TELEPHONE JUNCTION ENCLOSURE AND SYSTEM FOR SEALING A WIRE OPENING ARRAY	PI9300616	2/18/93		
15396		BR	IMPROVED SHIELDED ELECTRICAL CONNECTOR	PI9303703-1	9/3/93	PI9303703-1	11/30/99
15496		BR	MODULE FOR TELEPHONE LINE CONDUCTOR PAIR HAVING SINGLE PROTECTOR UNIT	PI9401867-7	5/4/94	PI9401867-7	5/16/00
15526		BR	COMMUNICATIONS CONNECTOR TERMINAL ARRAYS HAVING NOISE CANCELLING CAPABILITIES	PI9402637-8	7/5/94		
15618		BR	ELECTRICAL CONNECTOR WITH SLOTTED BEAM CONTACT	PI9500072-0	1/11/95	PI9500072-0	8/8/00
15626		BR	SPLICE TRAY RACK AND CABINET FOR FIBER OPTIC CABLES	PI9401475-2	4/13/94		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
15672		BR	AUTOMATIC TOOL FOR MICRO-CONNECTOR	MU7503055-1	8/3/95	MU7503055-1	3/18/03
15672		BR	AUTOMATIC TOOL FOR MICRO-CONNECTOR	PI9303027-4	7/28/93		
15696		BR	INTERCONNECT ASSEMBLY FOR OPTICAL FIBER PLUGS	PI9403832-5	9/23/94		
15700		BR	NETWORK INTERFACE DEVICE MODULE PROVIDING SEALED CUSTOMER ACCESSIBLE TEST PORT	PI9507097-4	2/13/95		
15736		BR	ENCLOSURE WITH SEALANT FOR SPLICED COAXIAL CABLE	PI9404927-0	12/9/94		
15780		BR	CAPTIVATED FIBER OPTIC CONNECTOR	PI9500678-8	2/17/95	PI9500678-8	4/4/00
40581		BR	SPLICE HEAD FOR TELECOMMUNICATIONS CONNECTORS	PI9712639-0	10/28/97		
8410		BR	SOLDERLESS CONNECTOR FOR INSULATED WIRES	7238/74	8/30/74		
8413		BR	ELECTRICAL TERMINALS FOR FLAT TWO-CONDUCTOR LEAD IN WIRE	PI7408230	10/3/74		
TO-00559		BR	Cable Management System including Splitter/Filter Tray	BR112015000409 1	7/4/13		
WR024COM		BR	Inside Out Omega Wraparound	PI8001506	3/13/80		
WR030		BR	Pull-Wire	PI8106983	10/29/81	PI8106983	2/4/86
WR031		BR	Catv Box ; Moulded Parts	P8106984	10/29/81	PI8106984	2/4/86
WR137		BR	Connection To Terminal Plate. Similarity To D. Terminator	PI 9106339	4/12/91	PI9106339-6	12/29/98
WR147		BR	Modified Ezam Cable Duct Seal For Vault Closure				
WR148		BR	Hand Operated Multiple Wire Connector With Guide Slots				
WR150		BR					
WR155		BR	Silicone Rubber Seal For Box	PI9306879-4	8/11/93		
WR159		BR	Uteic With Ports For In-Line Or Butt Connection	PI9406428-8	2/23/94		
WR160		BR	Catv Splitter With Variable Attenuation	PI9406495-4	1/6/94	PI9406495-4	9/19/00
WR164		BR	Uteic Cable Gripper With Self-Centring	PI9406415-6	1/6/94		
WR165		BR	Catv Box For In-Line/Butt Connection	PI9407524.7	8/23/94	PI9407524-7	2/20/01
WR166		BR	Shaped Silicone Rubber Seal For Uteic Closure	PI9407520-4	8/23/94		
WR168		BR					
WR171		BR	Catv Tap With Switch	PI9509226-9	9/26/95		
WR172		BR	Catv Tap With Power Tap-Off	PI9509225-0	9/26/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0414		BS	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	1,285	12/14/00	1,285	1/31/03
2316.1519		BY	JACK; JACK ASSEMBLY; AND METHODS	200400084	7/9/02	007249	8/25/06
	00-015	BY	Electrical Connector	20030126	7/26/01	8923	11/4/06
	03-006	BY	Distribution board connection module	a20060177	8/12/04	13055	1/5/10
	05-005	BY	Plug connection	a20071330	3/1/06	13353	3/26/10
	07-025	BY	Connecting strip and contact element for telecommunications and data technology	a20100013	5/16/08	16850	11/12/12
	03-002	BY	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	20054626	2/27/04	10764	3/24/08
	94-031	BY	Protection plug	950620	9/29/95	2965	9/30/99
	94-039	BY	Charge detection in a telephone network	960615	7/12/95		
	04-003	BY	Electrical connection module	a20070337	8/24/05		
	96-011	BY	High density high performance connector	971182	5/21/97		
	96-018	BY	Clamping device	971379	11/21/97		
	96-019	BY	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	971397	12/9/97		
	96-020	BY	Terminal, isolating or connecting strip	971396	12/9/97	4857	12/30/02
	97-008	BY	Arrangement of contact pairs for compensation of near-end crosstalk	19980210	3/5/98		
	98-002	BY	Support body for an electrical contact arrangement	20000629	1/21/99		
	98-013	BY	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	a20001128	5/12/99	6735	9/9/04
	98-022	BY	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-024	BY	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	04-011	BY	Distribution board connection module	a20070685	10/31/05	11803	1/28/09
	04-010	BY	Distribution board connection module	a20070686	10/31/05	11804	1/28/09
	99-017	BY	Connecting cable with an electrical plug connection	PCT/EP00/11348	11/16/00		
	ITRACS001	BY	A System for Monitoring Connection Pattern of Data Ports		4/5/00	6726	1/17/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1910/WO		BY	Communication wire	200500485	9/8/03	007750	12/19/06
WR165		BY	Catv Box For In-Line/Butt Connection	960564	8/23/94		
WR166		BY	Shaped Silicone Rubber Seal For Uteic Closure				
WR168		BY					
	99-013	BZ	Interconnection device for telephone/data lines with tool less wire termination and easy disconnection for testing	88/272/2000	10/5/00		
40.0002		CA	TELEPHONE LINE CONTROL SYSTEM	237,984	10/20/75	1,041,641	10/31/78
40.0003		CA	PATCH CORD	251,735	5/4/76	1,062,787	9/18/79
40.0012		CA	ACCESS MODULE	317,263	12/1/78	1,112,347	11/10/81
40.0013		CA	PRINTED CIRCUIT BOARD JACK	328,993	6/4/79	1,107,363	8/18/81
40.0896		CA	ELECTRIC JACK	201,620	6/4/74	1,005,134	2/8/77
40.1560		CA	CIRCUIT MONITORING JACK	383,004	7/31/81	1,161,915	2/7/84
40.1620		CA	PATCH MODULE	405,196	6/15/82	1,182,581	2/12/85
40.1755		CA	TERMINAL BLOCK	436,112	9/6/83	1,206,247	6/17/86
40.2213		CA	ELECTRICAL CONNECTOR	490,978	9/18/85	1,242,496	9/27/88
100.0049		CA	ADDED BIT SIGNALLING IN A TELECOMMUNICATIONS SYSTEM	2,164,867	5/10/94	2,164,867	11/26/02
100.0054		CA	OPTIMIZATION OF WEIGHTED SIGNAL-TO-NOISE RATIO FOR A DIGITAL VIDEO ENCODER	2,168,577	4/8/94		
100.0056		CA	PROTECTION SWITCHING APPARATUS AND METHOD	2,173,367	10/4/94	2,173,367	9/7/99
100.0057		CA	CONTROL AND COMMUNICATIONS APPARATUS	2,173,368	10/4/94	2,173,368	5/2/00
100.0058		CA	HYBRID FIBER/COAX VIDEO AND TELEPHONY COMMUNICATION SYSTEM	2,200,600	9/19/95		
100.0062		CA	METHOD OF COMMUNICATION CHANNEL MONITORING	2,211,803	2/6/96		
100.0080		CA	OPEN LOOP PHASE ESTIMATION METHODS AND APPARATUS FOR COHERENT COMBINING OF SIGNALS USING SPATIALLY DIVERSE ANTENNAS IN MOBILE CHANNELS	2,173,442	10/5/94		
100.0081		CA	OPEN LOOP PHASE ESTIMATION METHODS AND APPARATUS FOR COHERENT DEMODULATION OF PHASE MODULATED CARRIERS IN MOBILE CHANNELS	2,173,441	10/5/94		
100.0082		CA	METHOD AND APPARATUS FOR DUAL DEMODULATION OF MOBILE CHANNEL SIGNALS	2,175,672	11/8/94		
100.0099		CA	REDUCING WAITING TIME JITTER	2,349,344	11/2/99	2,349,344	7/8/03
100.0108		CA	REDUCED POWER CONSUMPTION IN A COMMUNICATION DEVICE	2,370,257	4/14/00		
100.0113		CA	INTERFACE FOR AN ENTERPRISE RESOURCE PLANNING PROGRAM	2,368,173	4/13/00	2368173	6/17/08
100.0147		CA	MECHANICAL HOUSING	2,428,279	11/5/01	2,428,279	9/28/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0204		CA	CLAMPING CASE	2,456,021	7/31/02		
100.0214		CA	FUSE TOOL (Version 2)	2,457,561	8/8/02	2,457,561	2/2/10
100.0216		CA	CLAMPING RECEPTACLE	2,456,019	7/31/02	2,456,019	7/10/12
100.0381		CA	METHOD AND APPARATUS FOR DETECTING THE COLLISION OF DATA PACKETS	474,422	2/15/85	1,223,370	6/23/87
100.0382		CA	EDGE-EMITTING LIGHT EMITTING DIODE	474,740	2/20/85	1,267,716	4/10/90
100.0383		CA	INJECTION MOLDED STAR-COUPLERS AND METHODS OF MAKING SAME	2,045,149	1/12/90	2,045,149	1/12/90
100.0384		CA	COLLISION DETECTION USING CODE RULE VIOLATIONS OF THE MANCHESTER CODE	2,067,354	10/2/90	2,067,354	3/27/01
100.0407		CA	SYSTEM AND METHOD FOR ELECTRONICALLY IDENTIFYING CONNECTIONS OF A CROSS-CONNECT SYSTEM	2,308,473	11/17/98		
100.0408		CA	TEST ACCESS SYSTEM AND METHOD FOR DIGITAL COMMUNICATION LINKS	2,313,074	12/23/98		
100.0409		CA	TEST ACCESS SYSTEM AND METHOD FOR DIGITAL CROSS CONNECT COMMUNICATION NETWORKS	2,376,477	6/7/00		
100.0411		CA	TEST ACCESS AND PERFORMANCE MONITORING SYSTEM AND METHOD FOR CROSS-CONNECT COMMUNICATION NETWORK	2,327,284	12/23/98		
100.0414		CA	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	2,396,552	12/14/00		
100.0572		CA	METHODS AND SYSTEMS OF CATHODIC PROTECTION FOR METALLIC ENCLOSURES	2,586,004	11/3/05		
100.0622		CA	MULTIPLE PORT, FIBER OPTIC CIRCULATOR	2,347,722	10/19/99		
100.0623		CA	MULTIPLE PORT, FIBER OPTIC ISOLATOR	2,347,698	10/19/99		
100.0624		CA	MULTIPLE PORT FIBER OPTIC COUPLING DEVICE	2,348,556	10/19/99		
100.0626		CA	FIBER OPTIC DEVICE OPERATING AT TWO OR MORE WAVELENGTHS	2,400,211	2/16/01		
100.0627		CA	FIBER OPTIC ISOLATOR FOR USE WITH MULTIPLE-WAVELENGTH OPTICAL SIGNALS	2,400,192	2/16/01		
100.0629		CA	RETROREFLECTIVE SHEETING MATERIAL, A METHOD OF ITS PRODUCTION AND ITS USE	2,173,497	10/4/94		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0632		CA	A METHOD OF OPTIMIZING THE POINTS OF OPERATION OF LASERS AND MEANS TO THIS END	2,316,820	1/20/99		
100.0633		CA	A METHOD OF EVALUATING TUNEABLE LASERS	2,358,711	2/15/00		
100.0634		CA	A METHOD OF CHARACTERIZING A TUNEABLE LASER	2,360,960	2/15/00		
100.0635		CA	A METHOD OF CHARACTERIZING A TUNEABLE LASER AND DETERMINING ACTUAL WAVE LENGTH	2,360,962	2/15/00		
100.0723		CA	Reverse link antenna diversity in a wireless telephony system	2,297,156	6/4/99		
100.0729		CA	Centrally located equipment for wireless telephone system	2,321,207	2/19/99	2321207	7/5/05
100.0733		CA	Dynamic reallocation of transceivers used to interconnect wireless telephones to a broadband network	2,225,925	12/24/97		
100.0738		CA	Simulcast with hierarchical cell structure overlay	2,324,231	3/17/99	2,324,231	5/24/05
100.0739		CA	BROADCAST DOWNLOAD TECHNIQUE	FILED	5/19/00		
100.0740		CA	IMPROVED REVERSE PATH AUTOGAIN CONTROL	FILED	5/19/00		
100.0742		CA	REMOTE HUB ARRANGEMENT FOR DEPLOYING CELL SITES ESPECIALLY ALONG A CORRIDOR	2,306,064	4/18/00		
100.0751		CA	REMOTELY CONTROLLED GAIN CONTROL OF TRANSCEIVER USED TO INTERCONNECT WIRELESS TELEPHONES TO A BROADBAND NETWORK	2,225,901	12/24/97		
100.0755		CA	Multi-Protocol Distributed Wireless System Architecture	2,442,597	3/27/01	2,442,597	11/1/11
100.0757		CA	Optical simulcast network with centralized call processing	2,299,096	2/23/00		
100.0758		CA	GAIN EQUALIZATION FOR OPTICAL FIBER DISTRIBUTION NETWORK	2,300,851	3/17/00		
100.0759		CA	BLOSSOM/WILT OR DYNAMIC REALLOCATION IN A DISTRIBUTED FIBER SYSTEM	2,306,327	4/19/00	2,306,327	9/9/08
100.0760		CA	Architecture for signal distribution in wireless data network	2,305,975	4/19/00		
100.0763		CA	Operations and Maintenance Architecture for Multiprotocol Distributed System	2,442,592	3/29/01	2,442,592	12/22/09
100.0764		CA	METHOD AND APPARATUS FOR AUXILIARY PILOT SIGNAL FOR MOBILE PHONE LOCATION	2,474,140	1/28/03		
100.0765		CA	System and method for retransmission of data	2,487,806	5/13/03	2,487,806	3/20/12
100.0879		CA	SYSTEMS AND METHODS FOR DOPPLER SHIFT COMPENSATION IN OFDMA COMMUNICATIONS	2722448	4/25/09		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0912		CA	PACKET NETWORK MONITORING DEVICE	2,244,724	1/28/97		
100.0914		CA	METHOD AND SYSTEM FOR PERFORMING ONSITE MAINTENANCE OF WIRELESS COMMUNICATION SYSTEMS	2,724,577	5/19/09		
100.0916		CA	METHOD AND APPARATUS FOR SWITCHING IN A TDD SYSTEM	2728100	6/22/09		
100.0921		CA	METHOD AND APPARATUS FOR FRAME DETECTION IN A COMMUNICATIONS SYSTEM	2727865	6/22/09		
100.0924		CA	SYSTEM AND METHOD FOR SYNCHRONIZED TIME-DIVISION DUPLEX SIGNAL SWITCHING	2728073	6/22/09		
100.0925		CA	SYSTEM AND METHOD FOR CONFIGURABLE TIME-DIVISION DUPLEX INTERFACE	2727770	6/22/09		
100.0937		CA	Distribution of radio-frequency signals through low bandwidth infrastructures	2,251,959	4/18/97	2,251,959	12/25/01
100.0948		CA	System and method for distributing wireless communication signals over metropolitan telecommunication networks	2,508,460	10/14/03	2,508,460	9/24/13
100.0953		CA	System for and method of for providing dedicated capacity in a cellular network	2657560	7/3/07		
100.0954		CA	DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM AND METHODS OF IMPLEMENTING THEREOF	2,662,840	8/7/07		
100.0955		CA	SYSTEM AND METHOD OF PROVIDING REMOTE COVERAGE AREA FOR WIRELESS COMMUNICATIONS	2673048	11/8/07		
100.0957		CA	SYSTEM FOR AND METHOD OF CONFIGURING DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM	2,697,787	11/8/07		
100.0958		CA	DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM	2,691,504	11/8/07		
100.0962		CA	Wireless private branch exchange	2,317,731	1/14/99		
100.0968		CA	Self-contained masthead units for cellular communication networks	2,307,091	10/21/98		
100.0969		CA	Frequency agile transceiver with multiple frequency synthesizers per transceiver	2,219,921	4/29/96		
100.0970		CA	Spread spectrum communication network signal processor	2,220,022	4/29/96		
100.0972		CA	Cellular base station with intelligent call routing	2,219,376	4/29/96		
100.0973		CA	CELLULAR NETWORK COMMUNICATION SYSTEM	2,342,911	9/3/99		
100.0974		CA	Method and apparatus for providing intelligent cellular handoff	2,279,312	1/29/98		
100.0976		CA	Cellular private branch exchanges	2,219,791	5/3/96		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0977		CA	Configuration-independent methods and apparatus for software communication in a cellular network	2,219,879	5/3/96		
100.0978		CA	HYBRID CELLULAR COMMUNICATION APPARATUS AND METHOD	2,219,792	5/3/96		
100.0979		CA	Cellular Adjunct To A Public Wired Network	2,219,793	5/3/96		
100.0982		CA	METHODS AND APPARATUSES FOR AN INTELLIGENT SWITCH	2,219,885	5/3/96		
100.0983		CA	Private multiplexing cellular network	2,263,934	8/27/97		
100.0984		CA	Wireless co-tenant base station	2,317,798	1/14/99		
100.0986		CA	Methods and apparatus for improved base station transceivers	2,298,638	8/17/98		
100.1057		CA	A METHOD OF WAVELENGTH LOCKING AND MODE MONITORING A TUNABLE LASER	2,360,921	2/15/00		
100.1058		CA	A METHOD AND ARRANGEMENT FOR CONTROLLING A TUNEABLE LASER	2,377,983	6/21/00		
100.1060		CA	METHOD AND DEVICE FOR TUNING THE WAVELENGTH OF AN OPTOELECTRONIC COMPONENT ARRANGEMENT	2,299,452	10/21/98	2,299,452	10/18/05
100.1071		CA	METHOD AND APPARATUS FOR DETERMINING AN END OF A SUBFRAME IN A TDD SYSTEM	2,734,483	8/18/09		
100.1095		CA	METHOD OF INSERTING CDMA BEACON PILOTS IN OUTPUT OF DISTRIBUTED REMOTE ANTENNA NODES	2761695	5/18/10		
100.1095		CA	METHOD OF INSERTING CDMA BEACON PILOTS IN OUTPUT OF DISTRIBUTED REMOTE ANTENNA NODES	2761695	5/18/10		
100.1095		CA	METHOD OF INSERTING CDMA BEACON PILOTS IN OUTPUT OF DISTRIBUTED REMOTE ANTENNA NODES	2761695	5/18/10		
100.1110		CA	METHOD AND SYSTEM FOR CHARACTERIZING TERMINATIONS IN A LOCAL AREA NETWORK	2,259,902	7/9/97		
100.1111		CA	COMPUTER NETWORK CROSS-CONNECT PANEL PROVIDING PHYSICAL LAYER MONITORING AND METHOD THEREFOR	2,270,140	10/28/97		
100.1112		CA	COMPUTER NETWORK PHYSICAL-LAYER ANALYSIS METHOD AND SYSTEM	2,351,850	12/29/99		
100.1115		CA	AGGREGATION OF PHYSICAL LAYER INFORMATION RELATED TO A NETWORK	2,756,264	2/12/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1117		CA	AN ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND INTERNET PROTOCOL BACKHAUL	2714513	2/6/09		
100.1118		CA	AN ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND SUPPORTING MULTIPLE-DEVICE RING FOR INCOMING CALLS	2714564	2/6/09	2714564	10/28/14
100.1119		CA	AN ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND THE SESSION INITIATION PROTOCOL	2714565	2/6/09		
100.1141		CA	DISTRIBUTED DIGITAL REFERENCE CLOCK	2,803,013	7/27/11		
100.1145		CA	AUTOMATIC GAIN CONTROL CONFIGURATION FOR A WIDEBAND DISTRIBUTED ANTENNA SYSTEM	2,793,637	3/16/11		
100.1147		CA	Method for Synchronizing the Wavelengths of an Arrangement of Optoelectronic Components	2,279,632	11/12/98	2,279,632	8/16/05
100.1155		CA	METHOD FOR THE OPTIMUM UTILIZATION OF BASE MATERIAL IN THE MANUFACTURE OF OPTOELECTRONIC COMPONENTS WITH VARIABLE-PERIOD GRATING	2,177,650	5/29/96	2,177,650	3/13/07
100.1156		CA	Method for Manufacturing a Calibrated Scale in the Nanometer Range for Technical devices Used for the high Resolution of ultrahigh Resolution Imaging of Structures and Such Scale	2,196,942	2/6/97		
100.1157		CA	Photon Detector and Method of Manufacturing	2,255,862	5/21/97	2,255,862	3/22/05
100.1161		CA	INTER-NETWORKING DEVICES FOR USE WITH PHYSICAL LAYER INFORMATION	2,756,265	2/12/10		
100.1162		CA	NETWORK MANAGEMENT SYSTEMS FOR USE WITH PHYSICAL LAYER INFORMATION	2,756,267	2/12/10		
100.1163		CA	MANAGED CONNECTIVITY DEVICES, SYSTEMS, AND METHODS	2,756,269	2/12/10		
100.1169		CA	DISTRIBUTED ANTENNA SYSTEM WITH COMBINATION OF DIGITAL TRANSPORT TO REMOTE UNITS AND HYBRID DIGITAL AND ANALOG TRANSPORT (AKA BI-HYBRID)	2,815,509	10/25/11		
100.1174		CA	DISTRIBUTED ANTENNA SYSTEM USING TIME DIVISION DUPLEXING SCHEME	2,850,526	10/24/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1186		CA	END-TO-END DELAY MANAGEMENT FOR DISTRIBUTED COMMUNICATIONS NETWORKS	2838729	6/13/12		
100.1195		CA	ANTENNA MODULE HAVING INTEGRATED RADIO FREQUENCY CIRCUITRY	2,838,613	6/8/12		
100.1196		CA	DISTRIBUTED ANTENNA SYSTEM ARCHITECTURES	2838740	6/13/12		
100.1197		CA	EVOLVED DISTRIBUTED ANTENNA SYSTEM	2,838,781	6/29/12		
100.1209		CA	SYSTEMS AND METHODS FOR A SELF-OPTIMIZING DISTRIBUTED ANTENNA SYSTEM	2,878,477	7/8/13		
100.1209		CA	SYSTEMS AND METHODS FOR A SELF-OPTIMIZING DISTRIBUTED ANTENNA SYSTEM				
100.1223		CA	TIMING ADJUSTMENTS FOR SMALL CELL DISTRIBUTED ANTENNA SYSTEMS	2,864,638	2/12/13		
100.1223		CA	TIMING ADJUSTMENTS FOR SMALL CELL DISTRIBUTED ANTENNA SYSTEMS				
100.1239		CA	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE	2,876,925	6/25/13		
100.1239		CA	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE				
482.0003		CA	RF REPEATER ARRANGEMENT WITH IMPROVED FREQUENCY REUSE FOR WIRELESS TELEPHONES	2,058,737	1/3/92	2,058,737	3/18/97
482.0011		CA	RF REPEATER ARRANGEMENT WITH REDUCED NOISE FOR WIRELESS TELEPHONES	2,069,462-9	5/22/92		
500.0821		CA	PROXY DATABASE FOR ELEMENT MANAGEMENT SYSTEM OF TELEPHONE SWITHCING NETWORK	2,279,931	8/10/98		
500.0822		CA	VISUAL DATA INTEGRATION SYSTEM AND METHOD	2,328,325	4/15/99		
1109.2042		CA	RF REPEATERS FOR TDMA MOBILE TELEPHONE SYSTEMS	2,158,386	9/15/95		
2316.0019		CA	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSING	487,886	7/31/85	1,242,495	9/27/88
2316.0024		CA	ELECTRICAL JACK	477,730	3/28/85	1,238,093	6/14/88
2316.0038		CA	ELECTRICAL JACK FRAME	372,445	3/6/81	1,144,250	4/5/83
2316.0041		CA	ELECTRICAL CONNECTOR APPARATUS	490,844	9/16/85	1,254,962	5/30/89
2316.0051		CA	MODULAR DISTRIBUTION FRAME	493,533	10/22/85		
2316.0056		CA	ELECTRICAL CONNECTOR APPARATUS	490,846	9/16/85	1,239,672	7/26/88

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0058		CA	FIBER OPTIC MULTIPLEXER	495,289	11/14/85	1,248,647	1/10/89
2316.0061		CA	LAMP RECEIVING APPARATUS	512,509	6/26/86	1,261,934	9/26/89
2316.0068		CA	ELECTRICAL CONNECTOR AND METHOD	502,590	5/26/86	1,258,506	8/15/89
2316.0082		CA	MODULAR DISTRIBUTION FRAME WITH PROTECTOR STRUCTURE	510,552	6/2/86		
2316.0095		CA	JACK DEVICE	525,047	12/11/86	1,267,198	3/27/90
2316.0097		CA	INSERTION TOOL TIPS	520,929	10/20/86	1,260,240	9/26/89
2316.0100		CA	MULTIGAUGE-MULTIWIRE INSULATION DISPLACEMENT TERMINAL	520,930	10/20/86	1,259,383	9/12/89
2316.0106		CA	LOW RF EMISSION FIBER OPTIC TRANSMISSION SYSTEM	536,830	5/11/87	1,256,502	6/27/89
2316.0106		CA	LOW RF EMISSION FIBER OPTIC TRANSMISSION SYSTEM	603,741	6/23/89	1,289,679	9/24/91
2316.0113		CA	TERMINAL ASSEMBLY	529,083	2/5/87	1,287,896	8/20/91
2316.0117		CA	ELECTRICAL CONNECTOR	541,280	7/3/87	1,281,788	3/19/91
2316.0118		CA	WIRE DISTRIBUTION APPARATUS	537,131	5/14/87	1,282,157	3/26/91
2316.0123		CA	OPTICAL FIBER DISTRIBUTION APPARATUS	518,242	9/16/86	1,275,193	10/16/90
2316.0140		CA	JACK ASSEMBLY	560970	3/9/88	1,281,785	3/19/91
2316.0143		CA	DELAY COMPENSATED JACK	2,005,344	12/13/89		
2316.0145		CA	JACK ASSEMBLY	2,029,630	11/9/90		
2316.0156		CA	MONOLITHIC FIBER OPTIC COUPLER HAVING TOTAL INTERNAL REFLECTING SURFACE	458,752	7/12/84	1,255,524	6/13/89
2316.0163		CA	BI-DIRECTIONAL OPTICAL FIBER COUPLER	458,944	8/19/85	1,260,742	9/26/89
2316.0166		CA	UNITARY BODY OPTICAL COUPLER	488,944	8/19/85	1,264,242	1/9/90
2316.0172		CA	OPTICAL SWITCH	596,428	4/12/89	1,321,089	8/10/93
2316.0201		CA	OPTIC CABLE MANAGEMENT SYSTEM	1801907	1/18/90	66,033	5/8/90
2316.0201		CA	OPTIC CABLE MANAGEMENT SYSTEM	1801908	1/18/90	66,034	5/8/90
2316.0201		CA	GUIDING TROUGH, SQUARE-TO-ROUND ADAPTER FOR OPTICAL FIBERS	1801909	1/18/90	66,035	5/8/90
2316.0201		CA	OPTIC CABLE MANAGEMENT SYSTEM	18019010	1/18/90	66,036	5/8/90
2316.0201		CA	OPTIC CABLE MANAGEMENT SYSTEM	18019011	1/18/90	66,037	5/8/90

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0201		CA	OPTIC CABLE MANAGEMENT SYSTEM	18019012	1/18/90	66,038	5/8/90
2316.0201		CA	GUIDING TROUGH, 90° HORIZONTAL ELBOW FOR OPTICAL FIBERS	18019014	1/18/90	66,743	8/28/90
2316.0201		CA	OPTIC CABLE MANAGEMENT SYSTEM	18019015	1/18/90	66,039	5/8/90
2316.0201		CA	OPTIC CABLE MANAGEMENT SYSTEM				
2316.0204		CA	DIGITAL CROSS CONNECT ASSEMBLY	2,015,342	4/24/90		
2316.0212		CA	OPTICAL FIBER STORAGE CONTAINER	2,015,340	4/24/90		
2316.0215		CA	HOT CUT PROCEDURE FOR TELECOMMUNICATIONS NETWORK	2,011,068	2/27/90	2,011,068	3/29/94
2316.0237		CA	FIBER OPTIC CONNECTOR MODULE	2,041,115	4/24/91		
2316.0249		CA	OPTICAL SWITCH ASSEMBLY	2,028,170	10/22/90		
2316.0253		CA	OPTICAL SWITCH WITH REDUCED REFLECTION	2,034,648	1/21/91		
2316.0266		CA	METHOD FOR CONSTRUCTING OPTICAL SWITCH	2,034,647	1/21/91		
2316.0288		CA	JACK ASSEMBLY	2,040,398	4/15/91		
2316.0294		CA	PATCH CORD LENGTH CALCULATOR	2,040,534	4/16/91		
2316.0300		CA	PLUG-IN JACK CARD FOR NORMALLY CLOSED CONTACTS	2,055,169	11/8/91		
2316.0328		CA	DISTAL DISTRIBUTION FRAME MODULE	2,050,751	9/5/91		
2316.0329		CA	DISTAL DISTRIBUTION FRAME MODULE	2,053,653	10/17/91		
2316.0372		CA	MINIATURE COAX JACK MODULE	2,133,304	7/14/92	2,133,304	4/8/03
2316.0383		CA	FIBER OPTIC CONNECTOR	2,1272673	9/2/92		
2316.0415		CA	FIBER OPTIC CONNECTOR RETAINER	2,133,573	4/6/93	2,133,573	10/21/03
2316.0454		CA	REAR CROSS-CONNECT DSX SYSTEM	2,166,308	3/17/94	2,166,308	4/6/04
2316.0458		CA	PATCH CORD	2,155,211	1/7/94	2,155,211	3/26/02
2316.0488		CA	HIGH-DENSITY FIBER DISTRIBUTION FRAME	2,181,373	11/16/94	2,181,373	10/18/05
2316.0498		CA	JACK MODULE	2,175,072	5/24/94		
2316.0691		CA	SWITCHING COAX JACK DEVICE	2,282,556	3/23/98	2282556	1/9/07
2316.0753		CA	DSX MODULE WITH REMOVABLE JACK	2,282,521	2/23/98	2,282,521	5/29/07
2316.0753		CA	DSX MODULE WITH REMOVABLE JACK	2578799	3/13/07	2578799	5/19/09

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0753		CA	DSX MODULE WITH REMOVABLE JACK	2578801	3/13/07	2578801	5/19/09
2316.0777		CA	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	2,285,414	3/23/98	2,285,414	11/6/07
2316.0786		CA	FIBER CONNECTOR AND ADAPTER	2,289,683	5/14/98	2,289,683	9/15/09
2316.0786		CA	FIBER CONNECTOR AND ADAPTER	2,343,800	9/1/99	2343800	4/15/08
2316.0891		CA	REPAIRABLE CONNECTOR AND METHOD	2,318,169	1/5/99	2318169	9/25/07
2316.0891		CA	REPAIRABLE CONNECTOR AND METHOD	2592738	1/5/99		
2316.0926		CA	OUTSIDE PLANT FIBER DISTRIBUTION APPARATUS AND METHOD	2,338,449	7/26/99		
2316.0942		CA	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	2,334,152	5/20/99	2,334,152	4/8/08
2316.0951		CA	FIBER OPTIC ADAPTER, INCLUDING HYBRID CONNECTOR SYSTEM	2,351,324	11/10/99		
2316.0960		CA	FIBER OPTIC MODULE	2,338,045	7/14/99		
2316.0988		CA	JACK ASSEMBLY	2,351,228	11/5/99	2,351,228	3/24/09
2316.1009		CA	DSX MODULE WITH REMOVABLE JACK	2,368,432	3/31/00	2368432	8/12/08
2316.1009		CA	DIGITAL CROSS CONNECT MODULE WITH REMOVABLE JACK	2591180	3/31/00	2591180	6/1/10
2316.1010		CA	MICROELECTROMECHANICAL OPTICAL SWITCH AND METHOD OF MANUFACTURE THEREOF	2,379,179	8/1/00	2,379,179	2/16/10
2316.1017		CA	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	2,361,381	2/10/00		
2316.1051		CA	HIGH DENSITY PATCHING SYSTEM	2,370,263	4/11/00	2,370,263	12/22/09
2316.1171		CA	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	2400829	3/14/01	2400829	6/21/11
2316.1171		CA	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	2682111	10/16/09	2682111	9/17/13
2316.1172		CA	POWER DISTRIBUTION PANEL WITH HEAT SINK	2,402,858	3/8/01		
2316.1175		CA	SPLITTER ARCHITECTURE FOR A TELECOMMUNICATIONS SYSTEM	2,406,246	4/9/01		
2316.1229		CA	LOW PROFILE TELECOMMUNICATIONS JACK WITH LAMP SWITCH	2,428,231	10/30/01	2,428,231	1/5/10
2316.1348		CA	TELECOMMUNICATIONS JACK SUBASSEMBLY	2,428,412	10/30/01	2,428,412	12/23/08
2316.1360		CA	POWER DISTRIBUTION PANEL WITH FLAME CONTAINMENT SLOTS	2,364,013	11/28/01	2,364,013	1/26/10
2316.1362		CA	DIGITAL SWITCHING CROSS-CONNECT MODULE	2,492,886	7/10/03		
2316.1397		CA	CARD EDGE COAXIAL CONNECTOR	2480174	3/21/03	2480174	6/1/10
2316.1475		CA	CABLE STORAGE SPOOL	2,439,417	3/5/02		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1481		CA	DSX JACK INCLUDING SLIDING REAR CONNECTOR	2443703	4/11/02	2443703	6/22/10
2316.1599		CA	FIBER TERMINATION BLOCK WITH ANGLED SLIDE	2,467,243	11/7/02		
2316.1681		CA	FIBER MANAGEMENT MODULE WITH CABLE STORAGE	2,485,229	5/20/03		
2316.1702		CA	CABLE MANAGEMENT ASSEMBLY, SYSTEM AND METHOD	2,505,858	11/12/03		
2316.1719		CA	HIGH DENSITY FIBER DISTRIBUTION FRAME	2,495,652	7/31/03		
2316.1722		CA	TERMINATED COAXIAL CONNECTOR	2,492,851	5/7/03		
2316.1726		CA	FIBER MANAGEMENT DRAWER AND PATCH PANEL	2492828	7/17/03	2492828	9/24/13
2316.1737		CA	10/100 MBS NETWORK DEVICE	2,540,013	9/21/04	2540013	7/23/13
2316.1744		CA	HIGH DENSITY PANEL WITH ROTATING TRAY	2,503,486	9/26/03		
2316.1747		CA	POWER DISTRIBUTION PANEL WITH MODULAR INSERTS	2,509,036	12/12/03	2509036	7/16/13
2316.1777		CA	COAXIAL MODULE WITH SURGE PROTECTOR	2,517,855	2/19/04		
2316.1780		CA	FIBER CONTAINMENT SYSTEM	2,527,156	5/28/04		
2316.1785		CA	TELECOMMUNICATIONS CONNECTION CABINET	2,530,885	6/18/04		
2316.1787		CA	FIBER OPTIC CONNECTOR HOLDER AND METHOD	2,529,408	6/23/04		
2316.1793		CA	SLIDE ARRANGEMENT FOR CABLE DRAWER	2533164	7/15/04		
2316.1795		CA	TRIAXIAL BULKHEAD CONNECTOR	2,535,539	8/10/04		
2316.1801		CA	FIBER OPTIC CABLE AND FURCATION MODULE	2,537,780	9/1/04	2537780	11/5/13
2316.1808		CA	JACK WITH MODULAR MOUNTING SLEEVE	2,543,474	10/29/04	2543474	6/19/12
2316.1822		CA	LONG FRAME HIGH DENSITY PATCHING SYSTEM	2,572,768	7/20/05	2572768	7/10/12
2316.1825		CA	PROTECTIVE BOOT AND UNIVERSAL CAP	2,553,493	2/8/05		
2316.1832		CA	WDM SYSTEMS AND METHODS (CWDM)	2,558,228	2/25/05	2558228	10/28/14
2316.1863		CA	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	2,563,448	6/13/05	2563448	4/16/13
2316.1868		CA	HIGH DENSITY COAXIAL SWITCHING JACK	2604485	4/7/06		
2316.1869		CA	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	2577014	9/9/05		
2316.1888		CA	CABLE WITH OFFSET FILLER	2,543,469	10/14/04	2543469	7/9/13
2316.1888		CA	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	2,543,708	10/14/04	2543708	8/6/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1889		CA	METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS	2,556,153	2/18/05		
2316.1892		CA	Cable with twisting filler and shared sheath	2,444,014	4/16/02		
2316.1893		CA	High performance data cable	2,269,161	4/15/99	2269161	6/10/08
2316.1894		CA	Tuned patch cable	2,373,493	5/25/00		
2316.1895		CA	Low delay skew multi-pair cable and method of manufacture	2373503	5/25/00	2373503	12/1/09
2316.1896		CA	Optimizing lan cable performance	2,373,514	5/24/00	2,373,514	7/20/10
2316.1897		CA	Cable assembly with molded stress relief and method for making the same	2,374,932	5/25/00		
2316.1899		CA	Modular Jack with wire management	2,526,936	5/11/04		
2316.1905		CA	Interface device for testing a telecommunication circuit	2530464	6/14/04	2530464	9/18/12
2316.1906		CA	Cable with twisting filler	2,339,210	8/6/99		
2316.2069		CA	LOOP PLUG	2595565	1/27/06		
2316.2113		CA	CABLE TROUGH SYSTEM AND METHOD	2,620,871	9/29/06		
2316.2138		CA	OPTICAL FIBER PATCH PANEL	604,281	6/28/89	1,326,780	2/8/94
2316.2179		CA	TELECOMMUNICATIONS JACK WITH CROSSTALK COMPENSATION PROVIDED ON A MULTI-LAYER CIRCUIT BOARD	2,649,505	4/10/07		
2316.2300		CA	SYSTEMS AND METHODS FOR HINGED PARKING IN FIBER DISTRIBUTION HUBS	2606770	4/19/06		
2316.2306		CA	HIGH DENSITY COAXIAL JACK	2649241	4/19/07	2649241	8/12/14
2316.2313		CA	MODULAR POWER DISTRIBUTION SYSTEM AND METHODS	2633723	1/18/07		
2316.2378		CA	Telecommunications Jack with Crosstalk Compensation and Arrangements for Reducing Return Loss	2,649,496	4/10/07		
2316.2379		CA	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	2,649,493	4/10/07		
2316.2434		CA	FUSE AND BREAKER ALARM DEVICE AND METHOD USING A FINITE STATE MACHINE	2670081	10/24/07		
2316.2472		CA	MODULAR POWER DISTRIBUTION SYSTEM AND METHODS	2670117	11/20/07		
2316.2485		CA	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	2675791	1/15/08		
2316.2540		CA	OVERVOLTAGE PROTECTION PLUG (Design)	121970	8/22/07	121970	5/16/08

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2700		CA	WAVELENGTH DIVISION MULTIPLEXING MODULE	2,711,459	1/29/09		
2316.2711		CA	Telecommunications Wire having a Channeled Dielectric Insulator and Methods for Manufacturing the Same	2724528	6/26/09		
2316.2729		CA	BULKHEAD WITH ANGLED OPENINGS AND METHOD	2716107	3/16/09		
2316.2743		CA	REAR LATCH ARRANGEMENT FOR SLIDING DRAWER	2716009	3/17/09		
2316.2745		CA	DRAWER ARRANGEMENT WITH RACK AND PINION	2722583	5/4/09		
2316.2754		CA	FIBER MANAGEMENT PANEL	2725393	4/10/09		
2316.2806		CA	OVERVOLTAGE PROTECTION PLUG (Design)	128836	11/25/08	128836	11/18/09
2316.2812		CA	MODULAR FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	2737530	9/16/09		
2316.2831		CA	POWER SWITCHING ARRANGEMENT	2740239	10/9/09		
2316.2832		CA	FIELD TERMINABLE FIBER OPTIC ASSEMBLY	2730259	7/10/09		
2316.2863		CA	Telecommunications Jack with Adjustable Crosstalk Compensation	2,744,701	11/25/09		
2316.2865		CA	SLIDING ADAPTER WITH UNIVERSAL CARRIAGE	2738963	10/27/09		
2316.2875		CA	TELECOMMUNICATIONS PANEL AND DRAWER ARRANGEMENT	2736256	9/21/09		
2316.2907		CA	RF CIRCUIT MODULE AND PANEL	2746647	1/6/10		
2316.2949		CA	RAPID UNIVERSAL RACK MOUNT DRAWER	2767722	7/21/10		
2316.3045		CA	ELECTRICAL PLUG FOR MANAGED CONNECTIVITY SYSTEMS	2778065	10/19/10		
2316.3053		CA	OPTICAL FIBER INTERCONNECT CABINETS, TERMINATION MODULES AND FIBER CONNECTIVITY MANAGEMENT FOR THE SAME	2519596	3/16/04		
2316.3069		CA	COMMUNICATIONS BLADED PANEL SYSTEMS	2789159	2/11/11		
2316.3069		CA	COMMUNICATIONS BLADED PANEL SYSTEMS	2789356	2/11/11		
2316.3071		CA	MANAGED FIBER CONNECTIVITY SYSTEMS	2789163	2/11/11		
2316.3071		CA	MANAGED FIBER CONNECTIVITY SYSTEMS	2789165	2/11/11		
2316.3071		CA	MANAGED FIBER CONNECTIVITY SYSTEMS	2789179	2/11/11		
2316.3201		CA	Strain Relief Boot for a Fiber Optic Connector	2830252	3/15/12		
2316.3201		CA	Strain Relief Boot for a Fiber Optic Connector	2830252	3/15/12		
2316.3202		CA	FIBER OPTIC CONNECTOR FOR 1.2 MM CABLE	2830251	3/15/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3238		CA	Fiber Termination Enclosure with Internal Cable Spool Assembly	2877896	6/22/12		
2316.3238		CA	Fiber Termination Enclosure with Internal Cable Spool Assembly				
2316.3328		CA	Cable Anchoring System for a Fiber Optic Enclosure	2871500	5/2/13		
2316.3395		CA	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	2864886	2/20/13		
2316.3446		CA	DEPLOYING OPTICAL FIBERS USING INDEXING TERMINALS	2869059	3/29/13		
2316.3448		CA	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	2873866	5/17/13		
2316.3477		CA	SPLICE CASSETTES AND CHIPS	2874487	5/23/13		
2316.3478		CA	SPLICE CHIPS FOR OPTICAL FIBER SPLICE CASSETTES	2873455	5/23/13		
2316.3478		CA	SPLICE CHIPS FOR OPTICAL FIBER SPLICE CASSETTES				
2316.3528		CA	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	2878389	7/10/13		
2316.3528		CA	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES				
	99-008	CA	Unit with wire termination and RJ style plug	2371476	5/29/00	2371476	1/29/08
	NC056	CA	Terminal Blocks And Methods For Making And Breaking Connections In A Telecommunications Conductor	2411659	7/11/01	2411659	9/22/09
	00-015	CA	Electrical Connector	2,417,114	7/26/01	2,417,114	11/18/08
	01-005	CA	Strain relief device for a Plug Connector for Communications and Data technology	2,458,519	8/12/02	2,458,519	10/6/09
	18013	CA	CABLE JACKET WITH INTERNAL SPLINES	2480997	9/9/04	2480997	3/12/13
	09-001	CA	Telecommunications Connector	2,748,269	1/8/10		
	CO-00041	CA	Methods of Processing High Service Temperature Hydrocarbon Gels	2818710	11/23/11		
	81-009	CA		405308	6/16/82	1192604	8/27/85
	82-023	CA		440992	11/10/83	1208815	7/29/86
	83-003	CA		447084	2/9/84	1210171	8/19/86
	MP1418	CA	Ring Laser Pumped Optical Amplifier				
	MP1430	CA	A Robust Optical Signal Transmission System				
	MP0172	CA	Cohesive Sealant Articles	212801	10/31/74	1070880	1/29/80
	MP0192	CA	Heat-Recoverable Article With Self-Contained Heater	236482	9/26/75	1069192	1/1/80

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0192	CA	Heat-Recoverable Article With Self-Contained Heater	335450	9/26/75	1085127	9/9/80
	MP0212	CA	Self Heating Article With Deformable Electrodes	258297	8/3/76	1095962	1/17/81
	MP0212	CA	Self Heating Article With Deformable Electrodes	307963	7/24/78	1129512	8/10/82
	MP0219	CA	Expandable Heater With Apertured Electrodes	267269	12/7/76	1100561	5/5/81
	MP0735	CA	Wraparound Heat-Recoverable Sleeves	378785	6/1/81	1176813	10/30/84
	MP0736	CA	Heat-Recoverable Closure Assembly	378725	6/1/81		
	MP0790COM	CA	Thermoweave	519042	1/5/84	1231823	1/26/88
	MP0790COM	CA	Thermoweave	519041	1/5/84	1231822	1/26/88
	MP0790COM	CA	Thermoweave	444695	1/5/84	1232422	2/9/88
	MP0810	CA	Flame Coloring Device	422118	2/22/83	1197768	8/6/85
	MP0859	CA	Electrical Devices Comprising PTC Elements	468044.8	11/16/84	1234597	3/29/88
	MP0867	CA	Laminar Electrical Heaters	454040	5/10/84	1226027	8/25/87
	MP0872	CA	Heat Shrinkable Article	463142-1	9/13/84	1223623	6/30/87
	MP1086	CA	Devices Comprising PTC Conductive Polymers	519698	10/3/86	1262467	10/24/89
	MP1224	CA	Laminar Sheet Heater	585162	12/7/88	1301228	5/19/92
	NC007	CA	Apparatus And Method For Uniformly Irradiating A Strand	2156413	2/25/94		
	NC015	CA	Apparatus Comprising Inductive And/Or Power Transfer And/Or Voltage Multiplication Components	2219305	4/11/96		
	SG001	CA	Heat Shrinkable Wrap Around Closure - Having Non-Shrinkable Adhesive Bondable Edges	247981	3/16/76	1077820	5/20/80
	00-004	CA	Duplex connector for fiber clips	2,403,634	3/21/01		
	00-011	CA	Multi wire insulation displacement contact and a method of making multi wire terminations	2,350,716	6/15/01	2,350,716	12/16/08
	00-019	CA	Optical Fibre Connection Housing	2,421,645	9/24/01		
	01-004	CA	Universal adapter	2,455,258	7/27/02	2,455,258	3/17/09
	01-007	CA	Terminal block	2,465,073	9/13/02	2,465,073	5/3/11
	02-001	CA	Access guard for distributor modules	2,477,823	2/21/03	2,477,823	
	02-002	CA	Plug for connection modules and method for its manufacture	2,478,688	2/20/03	2,478,688	

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	02-005	CA	Distribution box connection module for telecommunications and data technology	2,494,563	7/18/03	2,494,563	11/16/10
	02-006	CA	Patch Cord Connector	2,493,566	7/16/03		
	03-003	CA	Overvoltage protection magazine for a telecommunications device	2,518,455	3/26/04		
	03-006	CA	Distribution board connection module	2,534,960	8/12/04	2,534,960	6/2/09
	05-005	CA	Plug connection	2,603,263	3/1/06	2,603,263	1/3/12
	03-005	CA	Conductor connection module for printed circuit boards	2,527,353	6/24/04	2,527,353	3/16/10
	03-009	CA	Wall outlet box	2,543,049	10/8/04		
	03-010	CA	Distribution device for communications and data technology	2,544,290	11/12/04		
	03-002	CA	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	20054626	2/27/04	2,516,977	2/21/12
	17587	CA	Security and Communications Module	2432604	12/21/01	2432604	10/13/09
	17968	CA	NETWORK CONNECTION SENSING MODULE	2504858	11/5/03		
	17969	CA	PLUG AND BLOCK CONNECTOR SYSTEM FOR DIFFERENTIAL CONTACT PAIRS	2509412	12/12/03	2509412	7/22/08
	18079	CA	CABLE HAVING A FILLER	2484814	10/15/04		
	18148	CA	INTERFACE MODULE	2566303	5/13/05		
	18150	CA	Telecommunications Patch Panel with Angled Connector Modules	2561442	4/12/05		
	18180	CA	NON-ORTHOGONAL CABLE MANAGEMENT SYSTEM	2562008	4/12/05		
	80-008	CA		373,557	3/20/81	1,168,327	5/29/84
	80-012	CA	A tool for electrically connecting insulated wires	374,262	3/31/81	1,176,041	10/16/84
	80-128	CA	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	371,532	2/23/82	1,159,897	1/3/84
	80-129	CA	A twin contact terminal element	372,819	3/12/81	1,262,999	2/28/84
	80-132	CA	A self supporting terminal element	371,590	2/24/81	1152173	8/16/83
	81-135	CA	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	409,183	8/11/82	1200080	2/4/86
	82-030	CA	Modular plug connector	415,664	11/16/82	1,192,970	9/3/85
	82-035	CA	Terminal element for cable wires and drop wire cables	423,809	3/10/83	1,200,865	2/16/86
	82-153	CA		398,873	3/19/82	1,177,553	11/6/84
	83-040	CA	A terminal strip	451,501	4/6/84	1,213,648	11/4/86

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	83-140	CA	A cable distribution head	447,945	2/21/84	1,223,055	6/16/87
	83-142	CA	A heat protection device for over-voltage arrester magazines	456,292	6/11/84	1,238,681	6/28/88
	83-143	CA		439,463	10/21/83	1208814	7/29/86
	83-145	CA	Optical main distributor		12/6/83		
	84-147	CA	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	462,801	9/10/84	1,231,410	1/12/88
	85-003	CA		511,700	6/16/86		
	86-019	CA	Connector bank for cable wires, in particular for telephone cables	534,627	4/14/87	1,277,738	12/11/90
	86-064	CA	A casing, particulary a junction-box casing for telecommunications engineering	539,625	6/15/87	1,270,936	6/26/90
	86-069	CA	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	552,162	11/18/87	1,307,101	9/8/92
	87-075	CA	Connector bank for telecommunication devices	573,918-7	8/5/88	1,280,186	2/12/91
	87-077	CA	Device for holding connector banks in telecommunication systems	567,568	5/24/88	1,316,587	4/20/93
	88-006	CA		563,534	4/7/88	1282832	
	88-086	CA	Tool for connecting cable wires	589,737-8	2/1/89	1,325,714	1/4/94
	88-088	CA	Protective plug for connector or disconnector banks	596,994-8	4/18/98	1,333,409	12/6/94
	88-092	CA		578,079-9	9/21/88		
	88-095	CA	Contact member of electrical conductors	601,902-1	6/6/89	1,311,816	12/22/92
	88-159	CA	Connecting element for optical waveguides	578,135-3	9/22/88	1,324,277	11/16/93
	89-005	CA	Protection plug for connector banks of telecommunication and data systems	2,012,870	3/22/90	2,012,870	3/5/96
	89-006	CA	Connector banks with voltage surge protection	2,017,173-1	5/18/90	2,017,173	7/18/95
	89-102	CA	Shield connecting element for a connector bank	2,008,719-6	1/26/90	2,008,719	2/21/95
	90-006	CA	Connecting block for the telecommunication and data technology	2,038,169-8	3/13/91		
	90-011	CA	Terminal block for telecommunications systems	2,041,926-6	5/7/91	2041929	4/23/96
	90-012	CA	Cutting Clamping Contact	2,043,207-1	5/24/91	2,043,207	4/11/00

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-015	CA	Protective circuit and protective device plug for telecommunication installations	2,048,722	8/8/91	2,048,722	9/22/98
	90-021	CA			10/11/91		
	91-010	CA		2,069,664	5/27/92		
	91-014	CA	Cutting and clamping sleeve contact	2,077,408	9/2/92		
	91-022	CA	Switching assembly for glass fibre cables of the telecommunication and data technology	2079144	9/25/92	2079144	7/16/02
	92-004	CA	Case, in particular cable branching case	2,086,462-1	12/30/92		
	92-022	CA	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	2,110,791	12/6/93		
	92-024	CA	Signal-connector with capacitive adjustment for improved crosstalk parameters	2,106,366	9/16/93	2,106,366	7/25/00
	93-006	CA		2,114,339	1/27/94		
	93-009	CA	Distribution device, in particular for the main distribution device of telephone and data lines	2,115,692	2/15/94		
	93-020	CA	Termination module	2,124,972	6/2/94	2,124,972	4/27/99
	93-023	CA	Connection block for high speed transmission in the telecommunication and data system	2,126,582	6/23/94	2,126,582	3/30/99
	93-032	CA	Electrical Plug Connector	2,133,010	9/27/94		
	93-034	CA	Termination unit for telecommunication and data lines	2,137,173	12/2/94		
	93-036	CA	Coupling device between a glass fibre and a dielectric waveguide	2,137,959	12/13/94		
	93-040	CA	Process for reducing the tearability of a thermally shrinkable web	2121748	3/20/95	2121748	2/9/99
	94-005	CA	Separation spark gap for limiting the maximum voltage on a surge arrester	2,140,735	1/20/95		
	94-007	CA	Insulation displacement contact element	2,141,120	1/25/95		
	94-012	CA	Obliquely disposed insulation displacement contact	2,144,226	3/8/95	2,144,226	5/16/00
	94-015	CA	Housing for optical components	2,146,502	4/6/95		
	94-018	CA	Automatic distribution device for telecommunication and data lines	2,149,506	5/16/95	2,149,506	8/15/00
	94-021	CA	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	2,148,418	5/2/95	2,148,418	3/18/03

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-035	CA	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	2,154,614	7/25/95		
	94-039	CA	Charge detection in a telephone network	2,172,833	7/12/95		
	95-006	CA	Electrical Connectors	2,174,911	4/24/96		
	95-009	CA	Switching field	2,182,931	8/8/96	2,182,931	6/25/02
	95-013	CA	Termination device for the telecommunication and data technique	2,185,765	9/17/96		
	95-016	CA	Terminal block for high transmission rates	2,182,460	7/31/96	2182460	10/1/02
	95-019	CA	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	2,184,664	9/3/96		
	95-020	CA	Automatic re-arrangement and distribution device for telecommunication and data lines	2,186,711	9/27/96		
	96-001	CA	Electronic access control and security system	2,197,153	2/10/97		
	96-002	CA	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	2,199,898	3/13/97		
	96-005	CA	Management-capable splice cassette	2,197,849	2/18/97	2,197,849	4/19/05
	96-008	CA	Mounting assembly for electrical termination blocks	2,199,681	3/11/97	2,199,681	10/15/02
	96-011	CA	High density high performance connector	2,205,754	5/21/97		
	96-013	CA	Connecting terminal	2,211,290	7/24/97		
	96-018	CA	Clamping device	2,221,394	11/18/97	2,221,394	11/2/04
	96-019	CA	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	2,222,635	11/27/97	2222635	8/20/02
	96-020	CA	Terminal, isolating or connecting strip	2,224,036	12/8/97	2,224,036	2/20/01
	96-021	CA	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	2,222,822	11/28/97		
	97-002	CA	Outdoor housing	2,229,827	2/18/98	2,229,827	6/13/04
	97-008	CA	Arrangement of contact pairs for compensation of near-end crosstalk	2,229,967	2/18/98		
	97-012	CA	Distribution block for telecommunication and data technology	2,231,490	3/9/98		
	97-013	CA	Stationary housing with wall elements made of plastic	2,231,791	3/10/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	97-016	CA	Overvoltage protection module	2,236,701	5/5/98		
	97-019	CA	Interface module	2,237,673	5/14/98		
	97-023	CA	Method for designing a telecommunications and data network	2,300,911	8/6/98		
	97-032	CA	Patch Panel with retractable patch cord	2,256,905	12/22/98		
	98-002	CA	Support body for an electrical contact arrangement	2,310,064	1/21/99		
	98-013	CA	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	2,331,623	5/12/99		
	98-022	CA	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-024	CA	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-025	CA	Shielding device for connection strips in telecommunications and data engineering	2,347,804	10/14/99	2,347,804	4/8/08
	99-007	CA	Connector element with closure device	PCT/EP00/02122	3/10/00		
	99-016	CA	STC-Module	PCT/EP00/10882	11/4/00		
	99-017	CA	Connecting cable with an electrical plug connection	2,391,106	11/16/00	2,391,106	10/21/08
	AE490	CA	Liquid Resistant Contact System	2255532	12/7/98		
	E-TO-00019	CA	Flush Floor Service Hideaway Universal Box Assembly	2536460	2/14/06		
	E-TO-00029	CA	Modular Plug with Slider Latch	2624499	10/2/06	2624499	9/21/10
	E-TO-00036	CA	Enhanced Jack with Plug Engaging Printed Circuit Board	2551490	7/5/06		
	E-TO-00091	CA	Connector Receptacle Assembly	2646151	3/13/07	2646151	10/12/10
	E-TO-00159	CA	Low Profile Cable	2647403	12/17/08		
	E-TO-00214	CA	Expandable Power Distribution Unit	2727316	6/16/09		
	ITRACS001	CA	A System for Monitoring Connection Pattern of Data Ports	2368851	4/5/00	2368851	6/23/09
	JACK009	CA	SEAL FOR AN ELECTRIC CABLE HAVING AN INSULATING SHEATH WRAPPED BY EXPOSED ELECTRICAL CONDUCTORS AND METHOD FOR SEALING THE ELECTRIC CABLE TO A SURROUNDING ENCLOSURE	2110210	11/29/93		
	MP0122	CA	Wraparound Closure Sleeve	119858	8/5/71	988788	5/11/76

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0196	CA	Method & Apparatus For Splicing Lines	237267	10/8/75	1061878	9/4/79
	MP0220	CA	Pressurized Splice Case	267266	12/7/76	1084130	8/19/80
	MP0241	CA	Splice Case With Multiple Cable Adapter	289419	10/25/77	1101952	5/26/81
	MP0245COM	CA	Method For Form Closure Using Ht Recover Sheet Material	293168	12/15/77		
	MP0245COM	CA	Method For Form Closure Using Ht Recover Sheet Material	293123	12/15/77		
	MP0252	CA	Method Of Encapsulation	303524	5/17/78	1112346	11/10/81
	MP0268	CA	Heat Recoverable Articles And Their Uses	325913	4/19/79	1122919	5/4/82
	MP0268	CA	Heat Recoverable Articles And Their Uses	395815	2/8/82	1141923	3/1/83
	MP0269	CA	Heat Recoverable Closure With Substrate Protective Means	328274	5/24/79		
	MP0270	CA	Methods For Sealing Closure Members To Substrates	334197	8/21/79	1139854	1/18/83
	MP0279COM	CA	Fiber Optic Waveguide Termination & Method Of Forming Same	355689	7/8/80	1137800	12/21/82
	MP0279COM	CA	Fiber Optic Waveguide Termination & Method Of Forming Same	340613	11/26/79	1129693	8/17/82
	MP0283COM	CA	Rail-Less Wraparound And Fastener	341385	12/6/79		
	MP0718COM	CA	Corrugated Ht Rec. Tape & Flexible Collar Tee	379590.0	6/11/81	1171224	7/24/84
	MP0718COM	CA	Corrugated Ht Rec. Tape & Flexible Collar Tee	379526-8	6/11/81	1170685	7/10/84
	MP0757	CA	Air Vent Assembly	395545.1	2/4/82	1198584	12/31/85
	MP0766	CA	Fiber Optic Splicing	401764	4/27/82	1199824	1/28/86
	MP0768	CA	Protection Of Cable Splice	457844	6/29/84	1245417	11/29/88
	MP0781	CA	Flat Sheet Closure And Method				
	MP0781	CA	Flat Sheet Closure And Method				
	MP0781COM	CA	Flat Sheet Closure & Method	410981-3	9/8/82		
	MP0781COM	CA	Flat Sheet Closure & Method	410980	9/8/82		
	MP0798	CA	Fiber Optic Organizer - Heliwrap				
	MP0798COM	CA	Fiber Optic Organizer	419447	1/14/83	1208054	7/22/86
	MP0798COM	CA	Fiber Optic Organizer	419542	1/14/83	1208055	7/22/86
	MP0799COM	CA	Paddlecard Terminator	417265	12/8/82	1190297	7/9/85

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0799COM	CA	Paddlecard Terminator	417263	12/8/82	1212588	10/14/86
	MP0816	CA	Fiber Optic Splice Organizer - Maxiwrap				
	MP0820	CA	Method Of Transmitting UV Light By Optical Fiber	427694	5/9/83		
	MP0838COM	CA	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	438706.6	10/11/83	1249351	1/24/89
	MP0838COM	CA	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	558657	2/10/88	1264610	1/23/90
	MP0839COM	CA	Optical Fiber Tap	439849	10/27/83	1257123	7/11/89
	MP0849	CA	Optical Fiber Adhesive Joint Tube - Release Agent	446999	2/8/84		
	MP0850	CA	Optical Fiber Adhesive Joint Tube - Hourglass Shape	447000	2/8/84		
	MP0855	CA	A Mechanical Coupling Assembly And Method Of Using Same	450826	3/29/84	1217538	2/3/87
	MP0871A	CA	Protective Article	505038	3/25/86	1275838	11/6/90
	MP0874	CA	Tube Storage And Delivery Device	464850-1	10/5/84	1247063	12/20/88
	MP0889	CA	Method And Apparatus For Determining Attenuation Across Optical Fiber Splice	466188-5	10/24/84	1217864	2/10/87
	MP0899	CA	Light Launch Detection & Splicing Devices For Loose Tube Buffered Optical Fiber	472877.7	1/25/85		
	MP0900	CA	Wraparound Article	469821.5	12/11/84	1249041	1/17/89
	MP0978	CA	Protection Of Cable Splice	490874	9/17/85	1242773	10/4/88
	MP0995	CA	Optical Fiber Termination				
	MP0995COM	CA	Optical Fiber Termination	494943	11/8/85	1269265	5/22/90
	MP0997	CA	Center Conductor Closure	496747	12/3/85	1259115	9/5/89
	MP1018	CA	Splice Case	498933	1/3/86	1257671	7/18/89
	MP1019	CA	Liner For Making Pressurized Splice Closure	501115	2/5/86	1249953	2/14/89
	MP1027	CA	Closure Including Gel-Filled End Seals	501253	2/6/86	1258502	8/15/89
	MP1045	CA	Drop Wire Branch Article	503750	3/11/86	1263719	12/5/89
	MP1050	CA	Packaged Gel Article	519939	10/7/86		
	MP1064	CA	Optical Fiber Distribution Network	513600	7/11/86		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1077	CA	Determining Splice Attenuation	510942	6/5/86		
	MP1078	CA	Corrosion Protection Apparatus	516156	8/18/86	1280723	2/26/91
	MP1085	CA	Compression Pressure Indicator	519213	9/26/86	1309305	10/27/92
	MP1092	CA	Optical Fiber Contact And Connector	523385	11/19/86	1295501	2/11/92
	MP1093	CA	Optical Fiber Connector	523387	11/19/86	1289396	9/24/91
	MP1097	CA	Apparatus For Relieving A Load Across A Cable Repair Region	521933	10/31/86	1282580	4/9/91
	MP1111	CA	Insulation Displacement Connector For High Axial Strength	536661	5/8/87	1260097	9/26/89
	MP1112	CA	Universal End Plate-Gel Seal	529043	2/5/87	1273418	8/28/90
	MP1125	CA	Optical Fiber Termination Using An Elastic Convex Dam	535509	4/24/87	1306375	8/18/92
	MP1129	CA	Splice Closure System	539251	6/9/87		
	MP1140COM	CA	Strained Distributed Optical Fiber Communication System	545108	8/21/87	1301502	5/26/92
	MP1147	CA	Bubble Indicator For Measuring Uds Pressure In A Splice	547781	9/24/87	1289637	9/24/91
	MP1155	CA	Coaxial Connector Moisture Seal	616137-5	10/15/87	1312661	1/12/93
	MP1155	CA	Coaxial Connector Moisture Seal	549396	10/15/87	1296078	2/18/92
	MP1155	CA	Coaxial Connector Moisture Seal	616164	10/15/87		
	MP1177	CA	Optical Fiber Tap Utilizing Reflector	557583	1/28/88	1307415	9/15/92
	MP1184	CA	Alignment And Location Sleeve For Fiber Optic Contacts	562204	3/23/88		
	MP1206COM	CA	Terminal Block	571291	7/6/88	1288491	9/3/91
	MP1210	CA	Annealing Bent Optical Fiber	573180	7/27/88		
	MP1223	CA	Rotary Closure And Grommet	588146	12/7/88	1311813	12/22/92
	MP1238	CA	Telephone Junction Box And Switch Therefor	590188	2/6/89	1334298	2/7/95
	MP1239COM	CA	Telecommunication Terminal Block Or Adapter	592693	3/3/89	1298895	4/14/92
	MP1240	CA	Telecommunications Terminal Block	591055	2/15/89	1304802	7/7/92
	MP1243	CA	Cable Sealing Apparatus	595577	4/4/89	1314952	3/23/93
	MP1254	CA	Optical Fiber Jaw Connector	595706	4/5/89	1306631	8/25/92
	MP1258	CA	Splice Case	597996	4/27/89	1317650	5/11/93

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1260	CA	Optical Fiber Termination Coating Dispenser	600215	5/19/89		
	MP1273	CA	Method Of Cable Sealing	610923	9/11/89	1329970	6/7/94
	MP1275	CA	Rotary Connection Strain Relief On Terminal Block	611732	9/18/89	1314082	3/2/93
	MP1276	CA	Environmental Control Liner For Splice Enclosure	2000238	10/6/89		
	MP1277	CA	Telecommunications Pedestal Closure With Environmental Control Liner	2000235	10/6/89		
	MP1280	CA	Coaxial Cable Connector Seal	2000237	10/6/89		
	MP1283	CA	Crossbox Protection Cap	2002042	11/2/89		
	MP1286	CA	Coaxial Cable Connector	2050286	5/15/90	2050286	11/6/01
	MP1289	CA	Wire Connect And Disconnect Indicator	2002043	11/2/89		
	MP1293	CA	E-Z-On Connectors	2058991	6/8/90		
	MP1317	CA	Telecommunications Terminal Housing & Method Of Encl A Telecomm Terminal Within A Minimum Clearance Opening Container	2064850	8/17/90		
	MP1319	CA	Optical Fiber Connector Which Provides A High Signal Return Loss				
	MP1326	CA	Circuit For The Transmission Of Optical Signals				
	MP1340	CA	Optical Coupler and Method of Accessing a Transmission Fiber	2358367	12/20/90	2358367	9/2/03
	MP1340	CA	Optical Bypass Switch	2069646	12/20/90	2069646	1/22/02
	MP1345COM	CA	Binding Post For Wide Tolerance Caps	2065441	9/21/90		
	MP1347	CA	Couplers For Terminating Optical Fiber Ends	2081558	4/9/91		
	MP1348	CA	Modular Telecommunications Terminal Block	2078451	3/26/91		
	MP1391	CA	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	2093818	10/3/91		
	MP1398	CA	Optical Fiber Enclosure Including Novel Retaining Ring	2104950	3/30/92		
	MP1403	CA	Ez Twist Consumer Type Connectors	2106466	3/20/92		
	MP1404	CA	Hermaphroditic Gel Closure	2104948	3/13/92		
	MP1405	CA	Multi-Gauge Waffle Rotary Connection	2117202	5/15/92		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1410	CA	Ruggedized Bypass Switch				
	MP1412	CA	Hinged Gel-Filled Security And Environmental Protection Device	2103353	6/8/92		
	MP1431	CA	Hybrid Fiber In The Loop Telephony System	2117555	2/22/93		
	MP1432	CA	Low Temperature Expandable Gaskets	2141199	8/6/93		
	MP1452	CA	Coaxial Cable Connection Protection System	2139878	7/9/93		
	MP1461	CA	Coaxial Cable Connection Method And Device Using Oxide Inhibiting Sealant		11/22/93		
	MP1468	CA	Optical Fiber Water Sensor	2153870	2/3/94		
	MP1476	CA	Oval Port Seal	2167809	7/21/94		
	MP1511	CA	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	2191740	5/30/95		
	MP1514	CA	Environmental Protection Device With Manually Operated Latch Mechanism	2191738	5/17/95		
	MP1532	CA	Coaxial Cable Tap And Method Of Connecting To An Operational Coaxial Cable Without Interrupting Transmitted Signals	2219125	4/23/96		
	MP1532	CA	Coaxial Cable Tap And Method Of Connecting To An Operational Coaxial Cable Without Interrupting Transmitted Signals	2257219	10/21/96		
	MP1540	CA	Coaxial Cable Connector				
	MP1541	CA	Locking Coaxial Cable Connector And Adaptor	2208267	12/21/95		
	NC003	CA	Cable Seal	2108130	5/1/92		
	NC006	CA	Gas Tube Vent-Safe Device	2139329	6/29/93		
	NC008	CA	Surge Arrestor Fail Safe Thermal Overload Mechanism	2139327	6/29/93		
	NC010	CA	Enclosure Assembly For Telecommunication Cables	2138294	6/15/93		
	NC013	CA	Bonding Assembly For Fiber Optic Cable And Associated Method	2160470	4/15/94		
	NC016	CA	Fiber Optic Splice Closure And Associated Methods	2160474	4/18/94		
	NC022	CA	Improved Idc Having Wire Slippage Control	2262560	8/14/97	2262560	6/26/07
	NC024	CA	Splice Closure For Buried Telecommunications Cables	2207052	10/4/96		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC032	CA	System for Protecting Telecommunications Equipment from Transient Voltages	2384079	9/13/00		
	NC036	CA	Telephone Subscriber Line Module	2302583	9/25/98		
	NC041	CA	Line Protector For A Communication Circuit	2377456	6/28/00		
	NC048	CA	Fiber Optic Splice Closure Including End Pivoting Slack Storage Holder With Adjustable Rear Wall And Associated Methods	2370678	3/29/00		
	NC049	CA	Sealant-Filled Electrical Connector And Method For Forming The Same	2368070	6/29/00		
	NC059	CA	Fiber Low Profile Network Interface Device	2360705	10/31/01		
	NC066	CA	Connector Assembly for Use with Connector Plug	2483194	3/13/03	2483194	10/19/10
	VPC-017	CA	Printed Circuit for Modular Plug	2291355	11/30/99	2291355	8/26/03
	VPC-021	CA	Modular Plug Having Improved Crosstalk Characteristics	2291297	11/30/99	2291297	4/13/04
	Z042	CA	Electrical Connector Block	2040160	4/10/91	2040160	4/19/94
02316.2748CAWO	NT-00373	CA	Keying for MPO Systems	2866107	2/28/13		
02316.3053CAWO	NC072	CA	Optical Fiber Interconnect Cabinet	2519596	3/16/04		
02316.3413CAWO	TO-00509	CA	Optical Fiber Connection System Including Optical Fiber Alignment Device	2863926	2/6/13		
02316.3827CAWO	NT-00317	CA	Electrical Connectors and Printed Circuits Having Broadside Coupling Regions	2804742	7/29/11		
02316.3835CAWO	E-TO-00125	CA	Interface Module	2666428	10/9/07	2666428	1/3/12
02316.3844CAWO	TO-00302	CA	Methods and Apparatus for Terminating Electrical Connectors to Cables	2780489	12/14/10		
02316.3845CAWO	18204	CA	Method and Apparatus for Providing Out of Band Communications Over Structured Cabling	2588711	11/29/05		
02316.3874CAU1	NT-00343	CA	Method and Apparatus for Mounting Rack Components on Racks	2760708	12/6/11		
02316.3882CAWO	E-TO-00009	CA	Electrical Connector with Crosstalk Compensation	2591349	12/16/05	2591349	10/27/09
02316.3885CAWO	NT-00315	CA	Mounting Feature for the Contact Array of an Electrical Connector	2786387	1/6/11		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3887CAWO	E-TO-00088	CA	Receptacle with Crosstalk Optimizing Contact Array	2646025	3/9/07	2646025	7/10/12
02316.3889CAWO	E-TO-00090	CA	Electrical Connector Having Contact Plates	2649383	4/26/07		
02316.3890CAWO	NT-00318	CA	Plug Assembly	2786494	1/10/11		
02316.3894CAWO	E-TO-00162	CA	Module Assembly Having Interface Module and Insertable Modular Jack	2692827	7/30/08	2692827	9/18/12
02316.3908CAWO	E-TO-00241	CA	Terminal Block and Board Assembly for an Electrical Connector	2768624	8/10/10		
02316.3915CAWO	E-TO-00205	CA	Electrical Connector With a Compliant Cable Strain Relief Element	2727981	6/18/09	2727981	5/14/13
02316.3982CAWO	TO-00420	CA	Cable Strain Relief Clamping Devices and Methods for Using the Same	2829085	3/1/12		
02316.3996CAWO	NC014	CA	Telecommunications Terminal Block	2160377	4/12/94	2160377	10/12/04
02316.3998CAWO	MP1492	CA	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	2187653	4/6/95	2187653	1/11/05
02316.3999CAD1	MP1374A	CA	Alarm And Test System For A Digital Added Mail Line	2350281	6/21/01	2350281	1/20/04
02316.3999CAW1	MP1374B	CA	Gel Filled Electrical Connector	2123566	12/3/92	2123566	4/1/03
02316.3999CAW2	MP1374C	CA	Gel Filled Modular Electrical Connecting Block	2154273	1/12/94	2154273	3/25/03
02316.3999CAWO	MP1374A	CA	Alarm And Test System For A Digital Added Mail Line	2091067	8/1/91	2091067	11/20/01
02316.4000CAWO	NC004	CA	Telecommunications Terminal Block	2120940	10/5/92	2120940	12/9/03
02316.4024CAWO	NC011	CA	Telecommunications Network Interface Assembly	2112814	5/11/93	2112814	6/15/04
02316.4026CAWO	NC012	CA	Fiber Optic Splice Closure	2150007	11/20/93	2150007	5/11/04
02316.4039CAWO	NC017	CA	Fiber Optic Cable System Including Main And Drop Cables And Associated Fabrication Method	2160573	4/15/94	2160573	6/14/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.4040CAU1	E-TO-00023	CA	Optical Fiber Termination Apparatus, with Connector Adaptor and Method for Using the Same	2531264	12/21/05		
02316.4041CAU1	E-TO-00034	CA	Optical Fiber Termination Apparatus, Entry Sealing Members and Methods for Using the Same	2531263	12/21/05		
02316.4049CAU1	E-TO-00067	CA	Optical Fiber Cable Termination Apparatus	2553391	7/25/06		
02316.4051CAWO	NC019	CA	Telecommunications Terminal	2212409	2/7/95	2212409	12/5/06
02316.4053CAWO	E-TO-00085	CA	Fiber Optic Splice Storage Apparatus and Methods for Using the Same	2626947	10/23/06		
02316.4054CAWO	E-TO-00086	CA	Optical Fiber Clips, Random Access Management Systems Including Clips and Methods for Using the Same	2627017	10/23/06		
02316.4058CAWO	E-TO-00097	CA	Sealing Assemblies and Methods for Sealing an Elongate Member	2680547	3/6/08		
02316.4076CAWO	TO-00255	CA	Cable Strain Relief Clamping Devices and Methods for Using the Same	2735786	8/31/09		
02316.4079CAWO	TO-00263	CA	Fiber Optic Connector Storage Apparatus and Methods for Using the Same	2741983	10/28/09		
12494-83	ITRACS001	CA	A System for Monitoring Connection Pattern of Data Ports	2659706	4/5/00	2659706	6/22/10
2316.1006/01		CA	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	2,360,798	1/3/00	2,360,798	3/17/09
2316.1006/01		CA	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE (GLIDE)	2646467	12/4/08	2646467	10/26/10
2316.1006/01		CA	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE (GLIDE)	2714849	9/14/10	2714849	8/23/11
2316.1007/I1		CA	TELECOMMUNICATIONS JACK ASSEMBLY	2,360,363	1/4/00		
2316.1011/I2		CA	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	2,363,729	2/16/00		
2316.1011/I2		CA	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	2634809	7/17/08		
2316.1011/I4		CA	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	2,375,705	5/25/00		
2316.1066/I1		CA	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	2,420,819	8/22/01	2420819	1/24/12
2316.1066/I1		CA	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	2,707,759	8/22/01	2707759	2/11/14
2316.1687/I1		CA	COUPLER FOR CABLE TROUGH	2,480,254	3/21/03	2480254	7/19/11
2316.1834/I1		CA	PATCH PANEL WITH MODULES	2,561,505	3/2/05		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1838/P2		CA	FIBER ACCESS TERMINAL	2,558,996	3/8/05		
2316.1890/I1		CA	METHODS AND SYSTEMS FOR POSITIONING CONNECTORS TO MINIMIZE ALIEN CROSSTALK	2,556,541	2/18/05		
2316.1904/01		CA	CROSS-CONNECT SYSTEM	2,169,563	8/23/94		
2316.1904/I1		CA	Cross-connect method and apparatus	2,214,890	3/19/96		
2316.1910/WO		CA	Communication wire	2,499,468	9/8/03	2499468	1/8/13
2316.2295/I1		CA	SYSTEMS AND METHODS OF FIBER DISTRIBUTION AND MANAGEMENT	2546072	11/17/04	2546072	1/15/13
2316.2299/P2		CA	LOOPBACK PLUG AND METHOD	2604948	4/19/06		
2316.2316/U3		CA	FIBER OPTIC CABLE BREAKOUT CONFIGURATION WITH "Y" BLOCK	2645247	3/6/07		
2316.2467/01		CA	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	2670657	11/28/07		
2316.2467/I1		CA	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	2670710	11/28/07		
5487.228.WO	E-TO-00043	CA	Sealing Assemblies and Methods for Sealing an Elongate Member	2606616	4/6/06		
5487-139-CA	NC071	CA	Toggle Type Telecommunications Terminal Blocks	2523856	4/6/04	2523856	11/1/11
5487-149-CA	NC074	CA	Toggle Type Telecommunications Terminal Blocks Including a Travel Limit Member	2544650	10/7/04		
16194		CA	PATCH CARD ASSEMBLY	2224728	6/27/96	2224728	1/10/06
13855		CA	ELECTRICAL CONNECTOR	552828	11/26/87	1292294	11/19/91
14023		CA	A CABLE WIRE SPLICE DEVICE	566956	5/17/88	1286016	7/9/91
14305		CA	CYLINDRICAL INSULATION DISPLACING CONNECTOR	601035	5/29/89	1303170	6/9/92
14305		CA	CYLINDRICAL INSULATION DISPLACING CONNECTOR	2020536	7/5/90	2020536	3/27/01
14494		CA	ACCESS FLOORING MODULE	2143662	2/28/95		
14494		CA	ACCESS FLOORING MODULE	2020613	7/6/90	2020613	5/9/95
14527		CA	POWER DISTRIBUTION SYSTEM FOR MODULAR FURNITURE UNITS	2021569	7/19/90		
14528		CA	PLUG-IN OUTLET UNIT FOR MODULAR FURNITURE POWER DISTRIBUTION SYSTEM	2021422	7/18/90		
14774		CA	PLUGGABLE CONNECTOR FOR USE WITH INSULATION DISPLACING BARREL TERMINALS	2035394	1/31/91		
14965		CA	HYBRID BRANCH CABLE AND SHIELD	2057334	12/10/91		
15030		CA	PROTECTOR MOUDULE FOR TELEPHONE LINE JUNCTION BOX AND METHOD	2091142	3/5/93		
15143		CA	CIRCUIT WIRING DEVICE	2085329	12/14/92		
15239		CA	TELEPHONE JUNCTION ENCLOSURE AND SYSTEM FOR SEALING A WIRE OPENING ARRAY	2088746	2/3/93	2088746	1/23/96

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
15263		CA	CABLE STRAIN RELIEF FOR A SHIELDED ELECTRICAL CONNECTOR	2094003	4/14/93	2094003	3/10/98
15284		CA	SINGLE MODE FIBER OPTIC VARIABLE ATTENUATOR	2091013	3/4/93		
15396		CA	IMPROVED SHIELDED ELECTRICAL CONNECTOR	2101695	7/30/93		
15415		CA	CATEGORY 5 TELECOMMUNICATION CABLE	2122420	4/28/94	2122420	4/8/03
15496		CA	MODULE FOR TELEPHONE LINE CONDUCTOR PAIR HAVING SINGLE PROTECTOR UNIT	2120402	3/31/94		
15526		CA	COMMUNICATIONS CONNECTOR TERMINAL ARRAYS HAVING NOISE CANCELLING CAPABILITIES	2123260	5/10/94	2123260	9/14/04
15626		CA	SPLICE TRAY RACK AND CABINET FOR FIBER OPTIC CABLES	2120307	3/30/94		
15672		CA	AUTOMATIC TOOL FOR MICRO-CONNECTOR	2126041	6/16/94		
15696		CA	INTERCONNECT ASSEMBLY FOR OPTICAL FIBER PLUGS	2130043	8/12/94	2130043	8/4/98
15700		CA	NETWORK INTERFACE DEVICE MODULE PROVIDING SEALED CUSTOMER ACCESSIBLE TEST PORT	2185449	2/13/95		
15736		CA	ENCLOSURE WITH SEALANT FOR SPLICED COAXIAL CABLE	2134312	10/25/94	2134312	4/5/05
15872		CA	AN ELECTRICAL CONNECTOR AND AN ASSOCIATED METHOD FOR COMPENSATING FOR CROSSTALK BETWEEN A PLURALITY OF CONDUCTORS	2220219	4/4/96		
15926		CA	OVERMOLDED FIBER OPTIC CONNECTOR FERRULE CAPILLARY HAVING OCTAGONAL COLLAR	2214001	2/29/96		
40057		CA	SHIELDED DATA CONNECTOR	2089347	2/11/93		
40256		CA	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	2164398	12/4/95		
4836		CA	HAND TOOL RATCHET DEVICE	334957	9/4/79	1100791	5/12/81
68016		CA	FIBER OPTIC ATTENUATOR	2117698	3/8/93		
8413		CA	ELECTRICAL TERMINALS FOR FLAT TWO-CONDUCTOR LEAD IN WIRE	208449	9/4/74	1023448	12/27/77
WR137		CA	Connection To Terminal Plate. Similarity To D. Terminator	2079674	4/12/91	2079674	10/24/00
WR140		CA	Mechanical Radi Seal	2091556	9/12/91	2091556	7/2/02
WR143		CA		2106468	3/16/92		
WR147		CA	Modified Ezam Cable Duct Seal For Vault Closure	2127796	1/20/93		
WR148		CA	Hand Operated Multiple Wire Connector With Guide Slots				
WR155		CA	Silicone Rubber Seal For Box	2140636	8/11/93		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR159		CA	Uteic With Ports For In-Line Or Butt Connection	2156616	2/23/94		
WR160		CA	Catv Splitter With Variable Attenuation	2147255	1/6/94		
WR161		CA	Uteic With Stack Of Trays	2166487	7/4/94		
WR163		CA	Uteic With Dust Flap	2166558	7/8/94		
WR164		CA	Uteic Cable Gripper With Self-Centring	2151748	1/6/94		
WR165		CA	Catv Box For In-Line/Butt Connection	2169925	8/23/94		
WR166		CA	Shaped Silicone Rubber Seal For Uteic Closure	2169926	8/23/94		
WR167		CA		2171348	9/26/94		
WR168		CA					
WR171		CA	Catv Tap With Switch	2201125	9/26/95		
	00-012	CD	Assembly and method for use in terminating an optical fiber or fibers	3639/2001	6/11/01	3639/2001	4/6/02
	96-020	CD	Terminal, isolating or connecting strip	NP.29/EXT/97	12/8/97	97/3513	5/8/98
100.0058		CH	HYBRID FIBER/COAX VIDEO AND TELEPHONY COMMUNICATION SYSTEM	95933845.0	9/19/95		
100.0515		CH	CONNECTION ARRANGEMENT	95306986.1	10/3/95		
100.0603		CH	ARRANGEMENT FOR MEASURING CONDITION OF ANTENNA IN MOBILE TELEPHONE SYSTEM	97660123	11/20/97		
100.0937		CH	Distribution of radio-frequency signals through low bandwidth infrastructures	97922450.8	4/18/97	0 894 369	2/18/04
100.0972		CH	Cellular base station with intelligent call routing	96913256.2	4/29/96	0 824 836	7/11/01
100.1060		CH	METHOD AND DEVICE FOR TUNING THE WAVELENGTH OF AN OPTOELECTRONIC COMPONENT ARRANGEMENT	980965648	10/21/98	1036428	9/26/01
100.1157		CH	Photon Detector and Method of Manufacturing	970924964	5/21/97	0901613	1/23/02
2316.0019		CH	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSING	85850253.7	8/1/85	0 197 234	2/27/91
2316.0024		CH	ELECTRICAL JACK	85850121.6	4/4/85		
2316.0038		CH	ELECTRICAL JACK FRAME	81101655.9	3/6/81	0 035 776	7/24/85
2316.0041		CH	ELECTRICAL CONNECTOR APPARATUS	85850356.8	11/5/85	0 181 306	2/17/93
2316.0056		CH	ELECTRICAL CONNECTOR APPARATUS	85850355.0	11/5/85	0 181 305	2/27/91
2316.0082		CH	MODULAR DISTRIBUTION FRAME WITH PROTECTOR STRUCTURE	2232/86	6/2/86	669,870	6/2/86
2316.0095		CH	JACK DEVICE	86309708.5	12/12/86	0 230 746	2/22/95
2316.0113		CH	TERMINAL ASSEMBLY	87101289.4	1/30/87	0 233 527	11/13/91
2316.0123		CH	OPTICAL FIBER DISTRIBUTION APPARATUS	86307114.8	9/16/86		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0172		CH	OPTICAL SWITCH	1647/89-2	4/29/89	679,893	4/30/92
2316.0372		CH	MINIATURE COAX JACK MODULE	92915879.8	7/14/92	0 634 061	6/4/97
2316.0372		CH	MINIATURE COAX JACK MODULE	96202654.8	7/14/92	0 755 095	7/14/92
2316.0454		CH	REAR CROSS-CONNECT DSX SYSTEM	94912250.1	3/17/94	0 706 723	5/13/98
2316.0458		CH	PATCH CORD	94906556.9	1/7/94	0 686 267	4/23/97
2316.0488		CH	HIGH-DENSITY FIBER DISTRIBUTION FRAME	95903533.8	11/16/94	0 740 803	1/27/99
2316.0691		CH	SWITCHING COAX JACK DEVICE	98913075.2	3/23/98	0 972 320	6/12/02
2316.0753		CH	DSX MODULE WITH REMOVABLE JACK	98908667.3	2/23/98	0 963 620	9/18/02
2316.0777		CH	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	01104552.3	3/5/01	1 120 866	10/15/03
2316.0777		CH	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	98911988.8	3/23/98	0 972 319	5/22/02
2316.0786		CH	FIBER CONNECTOR AND ADAPTER	03004353.3	5/14/98	1331496	1/4/06
2316.0786		CH	FIBER CONNECTOR AND ADAPTER	98922274.0	5/14/98	0 983 525	7/9/03
2316.0786		CH	FIBER CONNECTOR AND ADAPTER	99944053.0	9/1/99	1114346	6/27/07
2316.0891		CH	REPAIRABLE CONNECTOR AND METHOD	02011684.4	1/5/99	1 246 316	3/31/04
2316.0891		CH	REPAIRABLE CONNECTOR AND METHOD	99901287.5	1/5/99	1 051 777	5/2/03
2316.0974		CH	FIBER OPTIC CABINET AND TRAY	99943934.2	8/25/99	1116062	7/16/08
2316.1051		CH	HIGH DENSITY PATCHING SYSTEM	00920235.9	4/11/00	1173981	11/5/08
2316.1250		CH	CABLE EXIT TROUGH WITH INSERT	01977447.0	10/4/01	1356321	4/4/07
2316.1481		CH	DSX JACK INCLUDING SLIDING REAR CONNECTOR	07000813.1	1/16/07	1793454	12/29/10
2316.1481		CH	DSX JACK INCLUDING SLIDING REAR CONNECTOR	02762071.5-1528	4/11/02	1391010	1/24/07
2316.1637		CH	TRIAXIAL CONNECTOR ADAPTER AND METHOD	03731947.2	1/16/03	1472762	3/18/09
2316.1744		CH	HIGH DENSITY PANEL WITH ROTATING TRAY	03752606.8	9/26/03	1557048	3/20/11
2316.1780		CH	FIBER CONTAINMENT SYSTEM	04753765.9	5/28/04	1632116	5/25/11
2316.1795		CH	TRIAXIAL BULKHEAD CONNECTOR	04780590.8	8/10/04	1661211	11/2/11
2316.2171		CH	CRIMPED CENTER CONDUCTOR	06816358.3	10/11/06	1949708	6/2/10
2316.2306		CH	HIGH DENSITY COAXIAL JACK	07755657.9	4/19/07	2011191	9/28/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-004	CH	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	03-009	CH	Wall outlet box	04765904.0	10/8/04	1678797	4/14/10
	03-010	CH	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	07-004	CH	Terminal block	07856677.5	12/13/07	2127029	4/23/14
	09-011	CH	Terminal strip	10712336.6	3/26/10	2441128	3/12/14
	01-004	CH	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	04-007	CH	Housing	04790911.4-2207	10/27/04	1678798	3/3/10
	98-010	CH	Electrical Connector	99107064.0	4/10/99	0952635	8/24/05
	MP0192	CH	Heat-Recoverable Article With Self-Contained Heater	8700/786	9/29/75	628753	3/15/82
	MP0192	CH	Heat-Recoverable Article With Self-Contained Heater	12619/75	9/29/75	613171	9/14/79
	MP0736	CH	Heat-Recoverable Closure Assembly	81302412.2	6/1/81	0041388	4/17/85
	MP0761	CH	Wraparound Protective Closure And Method Of Use	83300472.4	1/28/83		
	MP0790COM	CH	Thermoweave	84300059.7	1/5/84	0116393	7/19/89
	MP0790COM	CH	Thermoweave	84300059.7	1/5/84	0243985	7/5/90
	MP0790COM	CH	Thermoweave	84300059.7	1/5/84	0270132	3/25/92
	MP0790COM	CH	Thermoweave	84300059.7	1/5/84	0430377	10/9/96
	MP0810	CH	Flame Coloring Device	83300904.6	2/22/83	0087313	5/28/86
	MP0859	CH	Electrical Devices Comprising PTC Elements	84307984.9	11/16/84		
	MP0867	CH	Laminar Electrical Heaters	84303152.7	5/10/84	0128664	8/24/88
	MP0872	CH	Heat Shrinkable Article	84306290.2	9/14/84		
	MP1086	CH	Devices Comprising PTC Conductive Polymers	86307651.9	10/3/86		
	MP1224	CH	Laminar Sheet Heater	89900770.2	12/8/88		
	MP0735	CH	Wraparound Heat-Recoverable Sleeves	81302413.0	6/1/81	0041389	4/17/85
	00-001	CH	Shielding device for terminal blocks	00126936.4	12/8/00	1117158	2/13/08
	00-002	CH	Compensation device for an electrical connector	01101324.0	1/20/01		
	99-006	CH	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-007	CH	Electrical connector with spaced contact portions	01940348.4-1231	4/25/01		
	00-008	CH	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01	1290760	11/12/03
	00-009	CH	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-015	CH	Electrical Connector	01956564.7-2217	7/26/01	1312137	5/25/05
	00-017	CH	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05
	00-013	CH	Connection module	01117086.7	7/13/01		
	01-005	CH	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	03-013	CH	Construction kit for distribution cabinets	04006018.8	3/12/04	1458073	1/3/07
	00-018	CH	Plastic patch panel	01985780.4	9/24/01	1322981	7/14/04
	03-004	CH	Glass-fiber coupler module	04723539.5	3/26/04	1613993	12/5/07
	03-003	CH	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-005	CH	Conductor connection module for printed circuit boards	04740236.7-2214	6/24/04	1649549	11/2/06
	03-006	CH	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	04-004	CH	Connection module for telecommunications and data technology	05776552.1	8/30/05	1787481	5/27/09
	04-014	CH	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	CH	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	CH	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	96-007	CH	Termination tool	97104913.5-2308	3/22/97		
	97-025	CH	Casing	98117540.9	9/16/98	0910146	5/25/05
	97-032	CH	Patch Panel with retractable patch cord	98123266.3	12/7/98		
	98-004	CH	Casing	99101294.9	1/25/99	0938163	4/27/05
	99-009	CH	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-014	CH	Frontpanel for LWL-modules	00115726.2-2205	7/21/00		
	98-025	CH	Shielding device for connection strips in telecommunications and data engineering	99952571.0	10/14/99		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-012	CH	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-019	CH	Optical Fibre Connection Housing	01982343.4-1524	9/24/01	1329011	8/31/05
	02-004	CH	Device for an optical-fiber connection	03727357.0-1234	4/25/03	1502142	6/28/06
	02-003	CH	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	03-001	CH	Distribution frame with access for testing	04712500.0-2414	2/19/04	1602225	10/17/07
	04-012	CH	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	77-122	CH	LSA-Plus Module	5694/78	5/25/78	637506	7/29/83
	78-123	CH	Connection module	744/79-4	1/25/79	641294	2/15/84
	78-124	CH		2228/79-7	3/8/79	646277	11/15/84
	78-125	CH		2686/79-4	3/22/79	648695	3/29/85
	78-126	CH		3600/79	4/17/79	648.160	2/28/85
	80-012	CH	A tool for electrically connecting insulated wires	81102206.0	3/24/81	0040307	8/14/85
	80-128	CH	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	81101410.9	2/26/81	0038412	4/24/85
	80-129	CH	A twin contact terminal element	81102012.2	3/18/81	0041596	7/16/86
	80-130	CH	Universal connector for a solderless, screwless and stripless system for testing, connecting and isolating conductor tracks	81103884.3	5/20/81	0044387	2/6/85
	80-131	CH	A connector device for testing a cable wire relative to all other cable wires within a contact element	81103883.5	5/20/81	0044913	2/1/84
	80-132	CH	A self supporting terminal element	81101181.6	2/19/81	0053219	6/13/84
	81-135	CH	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	82108047.0	9/1/82	0075150	1/7/87
	82-030	CH	Modular plug connector	82111212.5	12/3/82	0084632	3/26/86
	83-040	CH	A terminal strip	84102700.6	3/13/84	0124721	9/10/86
	83-140	CH	A cable distribution head	83112627.1	12/15/83	0125343	9/27/89
	83-142	CH	A heat protection device for over-voltage arrester magazines	84106412.4	6/5/84	0130403	5/18/88
	84-016	CH	Multipolar plug	85730151.9	11/8/85	0189730	12/27/89

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	84-147	CH	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	84107396.8	6/27/84	0165335	9/16/87
	85-003	CH		86730087.3	5/22/86	0210945	
	86-064	CH	A casing, particulary a junction-box casing for telecommunications engineering	87730050.9	5/8/87	0253756	11/18/93
	86-066	CH	Cutting/clamping terminal element for electrical conductors	87730118.4	9/30/87	0270479	8/12/92
	86-068	CH		87730118.4	9/30/87	0270479	5/6/92
	86-069	CH	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	87730134	8/5/93	0270480	
	86-069	CH	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	93112523.1	10/27/87		
	86-156	CH		87730030.1	3/21/87	0243296	12/27/90
	87-003	CH		88730042.4	2/24/88		
	87-075	CH	Connector bank for telecommunication devices	88730118.2	5/17/88	0302814	2/16/94
	87-077	CH	Device for holding connector banks in telecommunication systems	88730116.6	5/13/88	0304393	1/12/94
	87-166	CH	Terminal unit for cable pairs in Telecommunication systems	88730114.1	5/11/88	0296095	3/24/93
	88-006	CH		88730074.7	3/24/88	0288418	7/22/92
	88-086	CH	Tool for connecting cable wires	88730250.3	11/12/88	0329917	11/19/92
	88-087	CH		88117463.5	10/20/88	0328738	
	88-088	CH	Protective plug for connector or disconnector banks	89100535.7	1/13/89	0338187	12/29/93
	88-091	CH	Receiving pre-amplifier for an optical telecommunication line	89730043.0	2/22/89	0344091	11/3/93
	88-092	CH		88113259.1	8/13/88	0312729	
	88-097	CH	Connection device for switchung or disconnection line paths in telephone exchanges	89115536.8	8/23/89	0365780	4/26/95
	88-098	CH	Plug connector for telecommunication and data systems	89730204.8	8/23/89	0373096	9/8/93
	88-159	CH	Connecting element for optical waveguides	88112078.6	7/27/88	0309677	12/15/93
	89-005	CH	Protection plug for connector banks of telecommunication and data systems	90101057.9	1/19/90	0388585	12/21/94

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	89-006	CH	Connector banks with voltage surge protection	90250072.7	3/16/90	0399628	6/7/95
	89-008	CH		90111280.5	6/15/90		
	89-010	CH	Wire connector for cable wires, in particular of telecommunication cables	90115668.7	8/16/90	0428832	1/12/94
	89-014	CH		90118446.5	9/26/90	0421253	3/16/94
	89-101	CH	Plug connector	90250004.0	1/4/90		
	89-102	CH	Shield connecting element for a connector bank	90250003.2	1/4/90	03823322	10/6/93
	89-192	CH	Electrical Connector	90122815.5	11/29/90	0445376	4/19/95
	90-002	CH	Voltage limiter	90122922.9	11/30/90	0440905	8/30/95
	90-006	CH	Connecting block for the telecommunication and data technology	91100348.1	1/12/91	0446572	1/11/95
	90-008	CH		91102642.5	2/22/91	0447834	
	90-009	CH	Device for displaying announcements, in particular prices in numerical form	91103873.5	3/14/91	0451528	9/8/93
	90-011	CH	Terminal block for telecommunications systems	91103990.7	3/15/91	0456987	5/6/93
	90-012	CH	Cutting Clamping Contact	91106635.5	4/25/91	0459144	5/24/95
	90-015	CH	Protective circuit and protective device plug for telecommunication installations	91110018.8	6/19/91	0471167	5/25/94
	90-021	CH		91115168.6	9/7/91	0484654	12/5/91
	91-001	CH		91119994.1	11/23/91		
	91-010	CH		92108267.3	5/15/92		
	91-011	CH	Insulation displacement contact terminal	92111624.0	7/9/92	0525457	3/6/96
	91-013	CH	Terminal bank for the telecommunication and data technology	92111854.3	9/9/92	0529267	6/16/99
	91-014	CH	Cutting and clamping sleeve contact	9211972.3	7/14/92	0531664	1/31/96
	91-022	CH	Switching assembly for glass fibre cables of the telecommunication and data technology	92113177.7	8/3/92	0536496	2/11/98
	92-006	CH	Cutting and clamping Terminal Element	93101539.0	2/2/93	0558937	1/3/96
	92-009	CH			2/24/93		
	92-014	CH	Split flap display device	93110150.5	6/25/93	0583577	1/3/96
	92-015	CH	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	93112697.3	8/7/93		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-019	CH	Method for elctronically labelling articel	93250311.3	11/10/93		
	92-021	CH		93115054.4	9/18/93	0601290	6/4/97
	92-022	CH	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	93114996.7	9/17/93	0601289	11/27/96
	92-024	CH	Signal-connector with capacitive adjustment for improved crosstalk parameters	93113952.1	9/1/93	0598192	1/8/97
	92-025	CH	Method and arrangement for optically representing information	93114019.8	9/2/93		
	92-026	CH	Method and arrangement for establishing networks of electro-optical display-field modules	93116523.7	10/13/93		
	93-006	CH		931119488.0	12/3/93		
	93-008	CH	Termination device for the communication and data technique	93119249.6	11/30/93		
	93-009	CH	Distribution device, in particular for the main distribution device of telephone and data lines	93119583.8	12/4/93	0618741	3/18/98
	93-015	CH	Cable branching device	94103854.9	3/14/94	0623832	5/27/98
	93-017	CH	Method for monitoring the filing levels of material of value collection containers	94105657.4	4/13/94		
	93-023	CH	Connection block for high speed transmission in the telecommunication and data system	94108404.8	6/1/94	0637097	9/2/98
	93-028	CH	Clamping Terminal unit	94112249.1	8/5/94	0643454	1/14/98
	93-030	CH	Terminal block	94113179.3	8/24/94	0645841	11/11/98
	93-032	CH	Electrical Plug Connector	94114414.9	9/14/94		
	93-033	CH		94114068.3	9/8/94		
	93-034	CH	Termination unit for telecommunication and data lines	94116632.4	10/21/94		
	93-036	CH	Coupling device between a glass fibre and a dielectric waveguide	94117310.6	11/3/94		
	94-003	CH	Digital electronic Loop Crossconnect & Carrier System	94117980.6	11/25/94		
	94-005	CH	Separation spark gap for limiting the maximum voltage on a surge arrester	94118945.8	12/1/94	0665619	3/5/97
	94-006	CH	Winding cartridge	94108836.1	6/9/94		
	94-007	CH	Insulation displacement contact element	94117060.7	10/28/94	0665614	4/19/00
	94-009	CH		94119809.5	12/15/94	0667650	9/9/98
	94-012	CH	Obliquely disposed insulation displacement contact	95100738.4-2214	1/20/95	0675564	9/30/98

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-015	CH	Housing for optical components	95102617.8	2/24/95	0679917	1/19/00
	94-018	CH	Automatic distribution device for telecommunication and data lines	95106047.4	4/22/95		
	94-019	CH	Distribution apparatus, particularly for the main distributor of telecommunications or data lines	95107287.5	5/13/95		
	94-021	CH	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95105067.3	4/5/95	0690539	7/7/99
	94-022	CH	Electrical Plug Connector	95106785.9	5/5/95	0693801	8/26/98
	94-025	CH	Printed Circuit Board for Connectors	95108378.1	6/1/95	0697804	2/9/00
	94-026	CH	Flip-over Display Module	95109294.9	6/16/95		
	94-027	CH	Manufacturing process for structured metal plating on surfaces	94113917.2	9/6/94	0643153	6/19/96
	94-031	CH	Protection plug	95109298.0	6/16/95	0706194	9/3/97
	94-032	CH	Terminal element	95109771.6	6/23/95	0706234	11/24/99
	94-035	CH	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	95111172.3	7/15/95		
	94-036	CH	Cable protection element	95106431.0	4/28/95		
	94-037	CH	19"Racking system	95106430.2-2207	4/28/95		
	95-006	CH	Electrical Connectors	96105422.8	4/4/96		
	95-009	CH	Switching field	96112250.4-2302	7/30/96	0758792	10/17/01
	95-010	CH	Electrical Connector	96112491.4	8/2/96		
	95-012	CH	Distribution device for telecommunications and data technique	96113135.6	8/16/96		
	95-013	CH	Termination device for the telecommunication and data technique	96114423.5-2209	9/10/96		
	95-016	CH	Terminal block for high transmission rates	96111904.7-2308	7/24/96	0766352	11/29/00
	95-017	CH	Connecting device for telecommunication and data technique	96110940.2-2308	7/6/96		
	95-019	CH	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96113454.1-2209	8/22/96		
	95-020	CH	Automatic re-arrangement and distribution device for telecommunication and data lines	96115100.8	9/29/96		
	95-022	CH	Main distribution frame MDF	96920705.9	6/26/96		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-001	CH	Electronic access control and security system	97101244.8	1/28/97		
	96-002	CH	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97101240.6	1/28/97	0797379	9/18/02
	96-005	CH	Management-capable splice cassette	97101253.9	1/28/97		
	96-006	CH	Earthing module	97104914.3-2308	3/22/97		
	96-011	CH	High density high performance connector	97108131.0	5/20/97		
	96-013	CH	Connecting terminal	97111592.8	7/9/97	0837525	11/8/00
	96-018	CH	Clamping device	97118901.4	10/30/97	0844694	3/1/00
	96-019	CH	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-020	CH	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	96-021	CH	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	97118903.0	10/30/97	0849850	7/11/01
	97-002	CH	Outdoor housing	98102656.0	2/17/98	0863593	8/29/01
	97-003	CH	Protection Plug	98102655.2	2/17/98	0862197	6/9/99
	97-008	CH	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-011	CH	Cable fastening	98102653.7	2/17/98		
	97-012	CH	Distribution block for telecommunication and data technology	98103424.2	2/27/98		
	97-013	CH	Stationary housing with wall elements made of plastic	98103423.4	2/27/98		
	97-016	CH	Overvoltage protection module	98107492.5	4/24/98		
	97-017	CH	Safety Plug (Terminator)	98107586.4	4/25/98		
	97-018	CH	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-019	CH	Interface module	98107578.1	4/25/98		
	97-022	CH		98114148.4	7/29/98		
	97-023	CH	Method for designing a telecommunications and data network	98948732.7	8/6/98		
	97-028	CH	Apparatus for connecting cable cores	98119013.5	10/8/98		
	97-030	CH	High Frequency Cable	98964444.8	11/27/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	97-031	CH	Electrical power outlet with IDC connections	98121647.6	11/12/98	0921611	6/4/03
	98-002	CH	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-005	CH	Clamping element for cable shielding	99104341.5	3/4/99	0944132	12/20/00
	98-013	CH	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	CH	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-023	CH	Electrical Connector	99112489.2	7/1/99		
	98-024	CH	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	99-001	CH	Connection element for cable conductor	99121852.0	11/4/99	1018786	9/19/01
	99-002	CH	Surge arrester mounting unit for telecommunications and data systems equipment	99121037.8	10/21/99		
	99-007	CH	Connector element with closure device	00916921.0	3/10/00		
	99-010	CH	Traction relief device for a wire	00110099.9	5/13/00		
	98-001	CH	Optical fibre connector	98960871.6	12/8/98		
	99-017	CH	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	99-018	CH	Electrical Connector	00124720.4	11/13/00		
	99-019	CH	Distribution cabinet	99121185.5	10/22/99	1047167	9/17/03
	ITRACS001	CH	A System for Monitoring Connection Pattern of Data Ports	00919250	4/5/00	1173811	9/13/06
	ITRACS001	CH	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
	ITRACS001	CH	Data Cable for Monitoring Connection Pattern of Data Ports	06019065.9	4/5/00	1758028	3/17/10
	MP0122	CH	Wraparound Closure Sleeve	1163971	8/6/71	573083	8/6/71
	MP0718COM	CH	Corrugated Ht Rec. Tape & Flexible Collar Tee	81302605.1	6/11/81	0042262	6/5/85
	MP0757	CH	Air Vent Assembly	82300555.8	2/3/82		
	MP0766	CH	Fiber Optic Splicing	2570/82	4/27/82	660530	4/30/87
	MP0781COM	CH	Flat Sheet Closure & Method	82304743.6	9/9/82		
	MP0798COM	CH	Fiber Optic Organizer	83300177.9	1/13/83		
	MP0799COM	CH	Paddlecard Terminator	82306555.2	12/8/82	0081389	9/3/86

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0838COM	CH	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	83306140.1	10/11/83	0108518	1/18/89
	MP0839COM	CH	Optical Fiber Tap	83903730.6	10/24/83	0125282	8/26/92
	MP0849	CH	Optical Fiber Adhesive Joint Tube - Release Agent	84300771.7	2/7/84	0121988	4/20/88
	MP0850	CH	Optical Fiber Adhesive Joint Tube - Hourglass Shape	84300770.9	2/7/84		
	MP0855	CH	A Mechanical Coupling Assembly And Method Of Using Same	84901659.7	3/29/84	0138986	12/27/90
	MP0871A	CH	Protective Article	86302209.1	3/25/86		
	MP0874	CH	Tube Storage And Delivery Device	84306793.5	10/5/84	0145153	11/5/86
	MP0889	CH	Method And Apparatus For Determining Attenuation Across Optical Fiber Splice	84307314.9	10/24/84		
	MP0899	CH	Light Launch Detection & Splicing Devices For Loose Tube Buffered Optical Fiber	85300528.8	1/25/85		
	MP0900	CH	Wraparound Article	84308644.8	12/12/84		
	MP0995COM	CH	Optical Fiber Termination	85308204.8	11/12/85		
	MP0997	CH	Center Conductor Closure	85308790.6	12/3/85		
	MP1018	CH	Splice Case	86300045.1	1/6/86	0189240	3/28/90
	MP1019	CH	Liner For Making Pressurized Splice Closure	86300833.0	2/6/86	0194040	5/16/90
	MP1027	CH	Closure Including Gel-Filled End Seals	86300835.5	2/6/86		
	MP1045	CH	Drop Wire Branch Article	86301678.8	3/10/86		
	MP1077	CH	Determining Splice Attenuation	86305112.4	7/1/86		
	MP1078	CH	Corrosion Protection Apparatus	86306401.0	8/19/86	0213874	11/19/92
	MP1085	CH	Compression Pressure Indicator	86307415.9	9/26/86		
	MP1092	CH	Optical Fiber Contact And Connector	86309060.1	11/19/86	0223609	2/16/94
	MP1093	CH	Optical Fiber Connector	86309059.3	11/19/86		
	MP1097	CH	Apparatus For Relieving A Load Across A Cable Repair Region	86308773.0	11/11/86		
	MP1111	CH	Insulation Displacement Connector For High Axial Strength	87304130.5	5/8/87		
	MP1112	CH	Universal End Plate-Gel Seal	87301044.1	2/5/87		
	MP1125	CH	Optical Fiber Termination Using An Elastic Convex Dam	87304031.5	5/6/87		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1129	CH	Splice Closure System	87903804.0	5/29/87		
	MP1140COM	CH	Strained Distributed Optical Fiber Communication System	87307394.4	8/21/87		
	MP1155	CH	Coaxial Connector Moisture Seal	87309383.5	10/23/87		
	MP1177	CH	Optical Fiber Tap Utilizing Reflector	88301189.2	2/12/88		
	MP1184	CH	Alignment And Location Sleeve For Fiber Optic Contacts	88904743.7	3/21/88		
	MP1206COM	CH	Terminal Block	88306146.7	7/6/88	0298713	2/9/94
	MP1210	CH	Annealing Bent Optical Fiber	88306933.8	7/27/88		
	MP1223	CH	Rotary Closure And Grommet	89901178.7	12/8/88		
	MP1238	CH	Telephone Junction Box And Switch Therefor	89902881.5	2/8/89		
	MP1239COM	CH	Telecommunication Terminal Block Or Adapter	89903328.6	3/4/89		
	MP1240	CH	Telecommunications Terminal Block	89902605.8	2/17/89	0402374	1/25/95
	MP1243	CH	Cable Sealing Apparatus	89904715.3	4/4/89		
	MP1254	CH	Optical Fiber Jaw Connector	89905535.4	4/4/89		
	MP1258	CH	Splice Case	89905534.7	4/26/89		
	MP1260	CH	Optical Fiber Termination Coating Dispenser				
	MP1275	CH	Rotary Connection Strain Relief On Terminal Block	89911333.6	9/19/89		
	MP1293	CH	E-Z-On Connectors	90909963.2	6/8/90	0476056	9/6/95
	MP1345COM	CH	Binding Post For Wide Tolerance Caps	90915250.6	9/21/90		
	MP1351	CH	Cable Television Connection System	90312384.2	11/13/90		
	MP1374C	CH	Gel Filled Modular Electrical Connecting Block	94906610.4	1/12/94	0680666	6/9/99
	MP1391	CH	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	91918523.1	10/3/91		
	NC004	CH	Telecommunications Terminal Block	92922043.2	10/5/92	0685119	1/20/99
	NC012	CH	Fiber Optic Splice Closure	94902329.5	11/20/93	0671021	2/13/02
	NC022	CH	Improved Idc Having Wire Slippage Control	97937300.8	8/14/97	0919073	10/31/01
	NC044	CH	Fiber Optic Splice Closure Including Side Pivoting Slack Storage Holder And Associated Methods	99971929.7	11/12/99	1137962	1/14/04

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
TYCEO/P32112EP	NC059	CH	Low Profile Optical Fibre Network Interface Enclosure	01204160.4	10/30/01	1203974	2/1/06
14305		CH	CYLINDRICAL INSULATION DISPLACING CONNECTOR	89305747.1	6/7/89	348066	4/6/94
14764		CH	INSULATION DISPLACING BARREL TERMINAL	92921641.4	10/7/92	560971	2/26/97
15396		CH	IMPROVED SHIELDED ELECTRICAL CONNECTOR	93306228.3	8/6/93	587303	10/21/98
15526		CH	COMMUNICATIONS CONNECTOR TERMINAL ARRAYS HAVING NOISE CANCELLING CAPABILITIES	94110605.6	7/7/94	633632	4/5/00
16196		CH	WIRE STUFFER CAP/STRAIN RELIEF FOR COMMUNICATION NETWORK OUTLET	96935940.5			
8413		CH	ELECTRICAL TERMINALS FOR FLAT TWO-CONDUCTOR LEAD IN WIRE	13028/74	9/26/74	569368	9/30/75
WR008		CH	Apparatus For Solderless Splicing			555092	
WR031		CH	Catv Box ; Moulded Parts	81105584	7/16/81		
WR035		CH	Cable Marker Plate	82103744	5/3/82		
WR045		CH	Inside-Out Moulded End Part	82105976.3	7/5/82	0080016	6/12/85
WR061		CH	Feedthrough	84100404	1/17/84		
WR082		CH	S.C.O.P. With Pattern Of Recesses	86304520.9	6/12/86		
WR102		CH	Heat Shrink Radi With Removable Outlets	87301936.8	3/5/87		
WR103		CH		87304348.3	5/15/87		
WR118		CH	Cable Cutting Tool	89105061	3/21/89		
WR119		CH	High Frequency Shielded Connection For Coax Cable	89110438.2	6/9/89		
WR120		CH	Multi-Outlet Box For Cables	89111573.5	6/24/89		
WR133		CH	Electrical Plug Connector	90110859.7	6/8/90		
WR136		CH	Cable Splice				
WR137		CH	Connection To Terminal Plate. Similarity To D. Terminator	91907679.4	4/12/91		
WR140		CH	Mechanical Radi Seal	91916615.7	9/12/91		
WR142		CH		91920407.3	11/27/91		
WR145		CH	Fibre Optic Housing With Consumer Tap And Lead To Next Consumer I Same Housing.	92109429.8	6/4/92		
WR156		CH	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	93919538.4	9/14/93		
WR160		CH	Catv Splitter With Variable Attenuation	94903960.6	1/6/94		
WR163		CH	Uteic With Dust Flap	94919793.3	7/8/94		
WR164		CH	Uteic Cable Gripper With Self-Centring	94902984.7	1/6/94		
WR166		CH	Shaped Silicone Rubber Seal For Uteic Closure	94924915.5	8/23/94		
WR168		CH		94931106.2	10/27/94		
WR172		CH	Catv Tap With Power Tap-Off	95932823.8	9/26/95		
	99-017	CI	Connecting cable with an electrical plug connection	PCT/EP00/11348	11/16/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0414		CL	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	34262000	12/14/00		
100.0814		CL	DELAY MANAGEMENT FOR DISTRIBUTED COMMUNICATIONS NETWORKS	2402-08	8/18/08		
100.0826		CL	SYSTEMS AND METHODS FOR A UNIVERSAL BASE STATION	731-08	3/12/08		
100.0833		CL	THERMAL MANAGEMENT SYSTEMS AND METHODS FOR ELECTRONIC COMPONENTS IN A SEALED ENCLOSURE	1366-08	5/9/08		
100.0834		CL	CLAMSHELL CHASSIS ASSEMBLY	878-08	3/27/08		
100.0840		CL	MODULARIZED RADIO FREQUENCY BAND COMPONENTS ON REMOVABLE DOORS	879-08	3/27/08		
100.0846		CL	METHOD AND SYSTEM FOR ENHANCING THE PERFORMANCE OF WIDEBAND DIGITAL RF TRANSPORT SYSTEMS	880-08	3/27/08		
100.1207		CL	INTELLIGENT FIBER CABLE MANAGEMENT USER APPLICATION	1343-14	11/21/12		
100.1239		CL	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE	3441-14	6/25/13		
2316.0172		CL	OPTICAL SWITCH	21,989	4/11/89	37,954	2/3/92
2316.0691		CL	SWITCHING COAX JACK DEVICE	1998-644	3/26/98	42.694	6/2/06
2316.0786		CL	FIBER CONNECTOR AND ADAPTER	1998-1086	5/19/98	42.866	1/21/09
2316.0786		CL	FIBER CONNECTOR AND ADAPTER	2005-0016	1/5/05	49.927	5/5/14
2316.0942		CL	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	1147-99	6/4/99		
2316.0988		CL	JACK ASSEMBLY	1999-2581	11/19/99	46.098	12/15/09
2316.1009		CL	DSX MODULE WITH REMOVABLE JACK	2000-822	4/6/00	43.973	2/20/09
2316.1017		CL	CABLE MANAGEMENT RACK FOR TELECOMMUNICATION CROSS-CONNECT SYSTEMS	302-2000	2/9/00		
2316.1051		CL	HIGH DENSITY PATCHING SYSTEM	2000-888	4/13/00		
2316.1150		CL	CONNECTOR PLUG AND INSERT FOR TWISTED PAIR CABLES	2000-3432	12/13/00		
2316.1171		CL	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	2001-757	4/3/01	49.001	3/26/13
2316.1172		CL	POWER DISTRIBUTION PANEL WITH HEAT SINK	2001-620	3/20/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1177		CL	UPGRADEABLE MEDIA WALL CONVERTER AND HOUSING	2001-1945	8/10/01		
2316.1180		CL	DESIGN AND ESTIMATING TOOLS FOR THE DESIGN OF TELECOMMUNICATIONS INFRASTRUCTURE IN A STRUCTURE	492-2001	3/1/01		
2316.1223		CL	CIRCUIT ASSEMBLY FOR MONITORING PORT ACTIVITY AND INTEGRITY OF A MULTIPORT MEDIA CONVERTER	2001-1944	8/10/01		
2316.1231		CL	METHOD AND SYSTEM FOR MDI CROSSOVER CONTROL	2001-1940	8/16/01		
2316.1255		CL	METHOD AND APPARATUS FOR DISTRIBUTION OF POWER IN A MEDIA CONVERTER SYSTEM	2001-1943	8/10/01		
2316.1408		CL	CABLE GUIDE FOR FIBER TERMINATION BLOCK	2002-292	1/18/02		
2316.1470		CL	ADD-ON TROUGH FOR CABLE MANAGEMENT RACK	2002-434	3/6/02		
2316.1799		CL	COVER FOR CABLE TROUGH	2004-2840	11/3/04	48.763	7/5/13
2316.1801		CL	FIBER OPTIC CABLE AND FURCATION MODULE	2004-2251	9/6/04	44.310	5/7/09
2316.1821		CL	HIGH DENSITY OPTICAL FIBER DISTRIBUTION FRAME WITH MODULES	2004-3261	12/21/04		
2316.1888		CL	CABLE WITH OFFSET FILLER	042786	10/28/04		
2316.1888		CL	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	042787	10/28/04		
2316.1889		CL	METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS	2005-0337	2/18/05		
2316.1891		CL	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	2005-0334	2/18/05		
2316.1899		CL	Modular Jack with wire management	1018-2004	5/12/04		
2316.2660		CL	Hardened Fiber Optic Connector System with Multiple Arrangements	3669-2008	12/10/08		
2316.2832		CL	FIELD TERMINABLE FIBER OPTIC ASSEMBLY	0038-2011	7/10/09		
2316.3328		CL	Cable Anchoring System for a Fiber Optic Enclosure	2972-2014	5/2/13		
2316.3395		CL	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	2213-2014	2/20/13		
2316.3448		CL	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	3127-2014	5/17/13		
2316.3528		CL	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES				
2316.3528		CL	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	2015-00070	7/10/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC071	CL	Toggle Type Telecommunications Terminal Blocks	866-2004	4/23/04	44281	10/22/08
	NC029	CL	Non-Interrupt Bypass Switch For RF Circuits	055-98	1/9/98		
	NC030	CL	RF Chokes Comprising Parallel Coupled Inductors				
	00-004	CL	Duplex connector for fiber clips	2001-716	3/28/01	45.733	9/9/09
	00-006	CL	Z Form Insulation Displacement Contact (Electrical power outlet)	2001-768	4/4/01		
	00-007	CL	Electrical connector with spaced contact portions	2001-926	4/24/01		
	00-008	CL	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	2001-1304	6/7/01		
	00-009	CL	Connection module with overvoltage device	2001-1307	6/7/01		
	00-011	CL	Multi wire insulation displacement contact and a method of making multi wire terminations	2001-1309	6/7/01		
	00-012	CL	Assembly and method for use in terminating an optical fiber or fibers	2001-1326	6/8/01	43.563	6/9/08
	00-014	CL	Connecting element and method for making electrical contact with an electrical core without using any tools	2001-1806	7/30/01		
	01-004	CL	Universal adapter	2002-1884	8/21/02	44.691	3/24/09
	02-001	CL	Access guard for distributor modules	2003-0453	3/7/03		
	02-002	CL	Plug for connection modules and method for its manufacture	2003-0537	3/14/03		
	02-003	CL	Coupling for optical-fiber connectors	2003-0884	5/2/03	43.965	9/30/08
	02-004	CL	Device for an optical-fiber connection	2003-0885	5/2/03		
	02-005	CL	Distribution box connection module for telecommunications and data technology	2003-1588	8/7/03		
	02-006	CL	Patch Cord Connector	2003-1467	7/21/03		
	02-008	CL	Method and device for coupling optical fibers	2003-2407	11/20/03		
	03-002	CL	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	2004-0485	3/10/04		
	03-004	CL	Glass-fiber coupler module	2004-0818	4/15/04	43.562	6/9/08
	09-003	CL	Overvoltage protection magazine or plug and method for the production of an overvoltage protection magazine or plug	2011-2101	12/18/09		
	03-006	CL	Distribution board connection module	2004-2165	8/25/04		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	05-010	CL	Protective plug for distribution frame devices for telecommunications and data technology	2006-1557	6/20/06		
	76-011	CL		667-81	11/1/96	34.676	12/5/84
	80-012	CL	A tool for electrically connecting insulated wires	342-81	5/7/81	32.721	7/17/81
	80-130	CL	Universal connector for a solderless, screwless and stripless system for testing, connecting and isolating conductor tracks	624-81	7/17/81	33.661	4/14/83
	80-131	CL	A connector device for testing a cable wire relative to all other cable wires within a contact element	625-81	8/5/81	33.030	6/1/82
	81-008	CL		739-81	9/23/81	33.177	
	81-135	CL	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	591-82	8/13/82	33.557	11/16/82
	82-030	CL	Modular plug connector	821-82	12/6/82	33904	8/12/83
	82-035	CL	Terminal element for cable wires and drop wire cables	154-83	3/10/83	34.256	3/28/84
	82-153	CL		680-81	8/26/81	33.151	6/15/82
	83-040	CL	A terminal strip	197-84	3/22/84	34824	5/3/85
	83-140	CL	A cable distribution head	884-83	12/30/83	34584	10/9/84
	84-016	CL	Multipolar plug	249-86	4/8/86	35970	2/10/88
	84-147	CL	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	453-84	7/19/84	34884	6/14/85
	85-003	CL		417-86	6/18/86		
	86-019	CL	Connector bank for cable wires, in particular for telephone cables	268-87	4/28/87	36.123	6/22/88
	86-064	CL	A casing, particulary a junction-box casing for telecommunications engineering	745-86	7/16/86	35.941	2/10/88
	86-066	CL	Cutting/clamping terminal element for electrical conductors	707-87	10/16/87	35994	3/1/88
	86-069	CL	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	849-87	12/11/87	36611	
	87-075	CL	Connector bank for telecommunication devices	417-88	6/15/88	36923	8/24/89
	87-077	CL	Device for holding connector banks in telecommunication systems	347-88	5/20/88	37088	1/23/90

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	88-086	CL	Tool for connecting cable wires	926-88	12/14/88	37347	6/20/90
	88-088	CL	Protective plug for connector or disconnector banks	078-89	2/9/89	078-89	3/26/91
	88-091	CL	Receiving pre-amplifier for an optical telecommunication line		3/14/89		
	88-095	CL	Contact member of electrical conductors	372-89	5/31/89	38118	10/25/91
	89-005	CL	Protection plug for connector banks of telecommunication and data systems	970-89	12/7/89	38088	12/12/91
	89-010	CL	Wire connector for cable wires, in particular of telecommunication cables	905-89	11/15/89	38.028	5/26/92
	90-006	CL	Connecting block for the telecommunication and data technology	093-91	1/29/91	38717	6/18/93
	90-011	CL	Terminal block for telecommunications systems	759-90	8/24/90	38410	9/30/92
	90-012	CL	Cutting Clamping Contact	396-91	5/3/91	38477	11/2/92
	90-015	CL	Protective circuit and protective device plug for telecommunication installations	596-91	6/28/91	39.232	5/7/97
	91-010	CL		531-92	5/29/92		
	91-013	CL	Terminal bank for the telecommunication and data technology	805-92	7/30/92		
	91-014	CL	Cutting and clamping sleeve contact	804-92	7/30/92		
	92-026	CL	Method and arrangement for establishing networks of electro-optical display-field modules	1375-93	11/8/93		
	93-020	CL	Termination module	553-94	6/29/93	39.987	4/26/99
	93-023	CL	Connection block for high speed transmission in the telecommunication and data system	814-94	7/27/93	39.655	8/3/98
	93-032	CL	Electrical Plug Connector	1440-94	10/5/94		
	93-035	CL	Insulation displacement contact	227-94	2/14/94		
	93-040	CL	Process for reducing the tearability of a thermally shrinkable web	543-94	4/22/93		
	94-007	CL	Insulation displacement contact element	1692-94	11/16/94		
	94-015	CL	Housing for optical components	324-95	3/2/95		
	94-031	CL	Protection plug	903-95	6/22/95	39.901	3/8/99
	94-035	CL	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	1083-95	7/19/95		
	95-012	CL	Distribution device for telecommunications and data technique	1695-96	9/27/96		
	95-016	CL	Terminal block for high transmission rates	1378-96	8/5/96	40.846	11/21/00

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-002	CL	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	232-97	2/11/97		
	96-008	CL	Mounting assembly for electrical termination blocks	289-97	2/19/97	41349	3/8/02
	96-011	CL	High density high performance connector	975-97	5/22/97		
	96-018	CL	Clamping device	1997-2551	11/21/97		
	96-019	CL	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	1997-2699	12/10/97		
	96-020	CL	Terminal, isolating or connecting strip	1997-2686	12/9/97		
	97-002	CL	Outdoor housing	1998-335	2/12/98		
	06-004	CL	Press-fit-connector	2007-1431	5/18/07	45.837	10/28/09
	97-008	CL	Arrangement of contact pairs for compensation of near-end crosstalk	1998-394	2/19/98		
	97-018	CL	Overvoltage protection plug with fail-safe device	1998-1010	5/8/98		
	06-018	CL	Plug-in connector for printed circuit boards	2007-3662	12/17/07		
	98-001	CL	Optical fibre connector	2941/98	12/4/98		
	98-002	CL	Support body for an electrical contact arrangement	1999-150	1/28/99		
	98-013	CL	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	1999-1047	5/20/99		
	98-022	CL	Cable manager for multi-core cable	1999-1876	8/18/99		
	98-025	CL	Shielding device for connection strips in telecommunications and data engineering	1999-2290	10/6/99	44.614	2/10/09
	03-003	CL	Overvoltage protection magazine for a telecommunications device	2004-0819	4/15/04		
	99-008	CL	Unit with wire termination and RJ style plug	2000-1253	5/18/00		
	99-013	CL	Interconnection device for telephone/data lines with tool less wire termination and easy disconnection for testing	2000-1937	7/21/00		
	99-016	CL	STC-Module	2000-3202	11/17/00		
	99-017	CL	Connecting cable with an electrical plug connection	2000-3239	11/23/00	43993	10/30/08
	DESNC 005	CL	Telecommunications Connector	1240-93	10/11/93		
	DESNC 006	CL	Telecommunications Terminal	1241-93	10/11/93	2.590	5/7/97

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1064	CL	Optical Fiber Distribution Network	454-86	6/30/86	36151	5/26/88
	MP1317	CL	Telecommunications Terminal Housing & Method Of Encl A Telecomm Terminal Within A Minimum Clearance Opening Container	712-90	8/9/90	38499	10/13/92
	MP1404	CL	Hermaphroditic Gel Closure	230-92	3/13/92		
	MP1432	CL	Low Temperature Expandable Gaskets	916-93	8/5/93		
	MP1476	CL	Oval Port Seal	1059-94	7/22/94		
	MP1511	CL	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	704-95	5/11/95		
	MP1514	CL	Environmental Protection Device With Manually Operated Latch Mechanism	777-95	5/31/95		
	MP1532	CL	Coaxial Cable Tap And Method Of Connecting To An Operational Coaxial Cable Without Interrupting Transmitted Signals	1839/96	10/22/96		
	MP1532	CL	Coaxial Cable Tap And Method Of Connecting To An Operational Coaxial Cable Without Interrupting Transmitted Signals	633-96	4/22/96		
	MP1540	CL	Coaxial Cable Connector	1998-95	12/22/95		
	MP1541	CL	Locking Coaxial Cable Connector And Adaptor	1999-95	12/22/95		
	MP1621	CL	Sealed Coaxial Cable Connector	622-98	3/25/98		
	NC002	CL	Cable Splice Enclosures	378-91	4/24/91	38938	3/14/96
	NC004	CL	Telecommunications Terminal Block	1120-92	10/9/92	40001	4/6/99
	NC005	CL	Fiber Optic Splice Organizer And Associated Method	740-93	6/30/93	39899	1/25/99
	NC006	CL	Gas Tube Vent-Safe Device	739-93	6/30/93		
	NC008	CL	Surge Arrestor Fail Safe Thermal Overload Mechanism	741-93	6/30/93		
	NC010	CL	Enclosure Assembly For Telecommunication Cables	670-93	6/16/93		
	NC011	CL	Telecommunications Network Interface Assembly	507-93	5/12/93		
	NC016	CL	Fiber Optic Splice Closure And Associated Methods	541-94	4/19/94		
	NC017	CL	Fiber Optic Cable System Including Main And Drop Cables And Associated Fabrication Method	528-94	4/15/94		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC025	CL	Protected Telecommunications Terminal	1188-95	8/7/95		
	NC027	CL	Button Protection Device	443-96	3/22/96		
	NC056	CL	Terminal Blocks And Methods For Making And Breaking Connections In A Telecommunications Conductor	1774-2001	7/26/01		
	MP1345COM	CL		425-91	5/13/91		
02316.3392CLWO	TO-00402	CL	Portable Device for Attaching a Connector to an Optical Fiber	2369-2013	2/7/12		
02316.3413CLWO	TO-00509	CL	Optical Fiber Connection System Including Optical Fiber Alignment Device	2081-2014	2/6/13		
02316.3597CLWO		CL	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
02316.3625CLWO		CL	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.3627CLWO		CL	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.3986CLWO	TO-00266	CL	Fiber Optic Multi Dwelling Unit Deployment Apparatus and Methods for Using the Same	1417-2011	12/7/09		
02316.3996CL01	NC014	CL	Telecommunications Terminal Block	510-94	4/12/94	40941	1/2/01
02316.3998CL01	MP1492	CL	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	532-95	4/11/95		
02316.3999CL01	MP1374A	CL	Alarm And Test System For A Digital Added Mail Line	808-91	8/29/91		
02316.4026CL01	NC012	CL	Fiber Optic Splice Closure	1465-93	11/25/93	40944	1/2/01
100.0070/01		CL	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	125-97	1/23/97		
2316.1006/01		CL	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE (GLIDE)	2000-027	1/6/00		
2316.1007/I1		CL	CONNECTOR INCLUDING REDUCED CROSSTALK SPRING INSERT	040-2000	8/29/00		
2316.1011/I2		CL	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	00369	2/18/00		
2316.1011/I2		CL	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	001450	6/2/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1011/I4		CL	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	01998	5/2/01		
2316.1066/I1		CL	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	2001-2096	8/28/01		
2316.1890/I1		CL	METHODS AND SYSTEMS FOR POSITIONING CONNECTORS TO MINIMIZE ALIEN CROSSTALK	2005-0332	2/15/05		
TO-00559		CL	Cable Management System including Splitter/Filter Tray	2015-00073	7/4/13		
WR159		CL	Uteic With Ports For In-Line Or Butt Connection	364-94	3/15/94		
100.0019		CN	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	01815499.9	7/3/01	ZL 01815499.9	3/4/09
100.0019		CN	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	200910005002.9	1/7/09	ZL200910005002.9	12/4/13
100.0019		CN	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	200710153587.X	9/18/07	ZL200710153587.X	9/11/13
100.0043		CN	CIRCUIT AND METHOD FOR SERVICE CLOCK RECOVERY	99802401.5	1/19/99		
100.0045		CN	PHASE LOCK LOOP FOR SYNCHRONOUS REFERENCE CLOCKS	9811005.9	11/10/98		
100.0049		CN	ADDED BIT SIGNALLING IN A TELECOMMUNICATIONS SYSTEM	94192883.7	5/10/94		
100.0056		CN	PROTECTION SWITCHING APPARATUS AND METHOD	94193709.7	10/4/94		
100.0057		CN	CONTROL AND COMMUNICATIONS APPARATUS	94194181.7	10/4/94	ZL94194181.	11/27/02
100.0058		CN	HYBRID FIBER/COAX VIDEO AND TELEPHONY COMMUNICATION SYSTEM	95196269.8	9/19/95		
100.0062		CN	METHOD OF COMMUNICATION CHANNEL MONITORING	96192830.1	2/6/96		
100.0083		CN	SYSTEM AND METHOD FOR DISTRIBUTING RF SIGNALS	CN 98806608.4	6/26/98		
100.0099		CN	REDUCING WAITING TIME JITTER	99815354.0	11/2/99		
100.0106		CN	PROTECTION SWITCHING OF VIRTUAL CONNECTIONS	99803143.7	1/22/99		
100.0157		CN	HIGH FREQUENCY AMPLIFICATION CIRCUIT	01820122.9	10/10/01	ZL01820122.9	12/2/09
100.0181		CN	CIRCUIT ARRANGEMENT FOR REDUCING PASSBAND RIPPLE OF A BANDPASS FILTER	99802360.4	1/19/99	ZL 99802360.4	2/4/04
100.0407		CN	SYSTEM AND METHOD FOR ELECTRONICALLY IDENTIFYING CONNECTIONS OF A CROSS-CONNECT SYSTEM	988112396	11/17/98		
100.0408		CN	TEST ACCESS SYSTEM AND METHOD FOR DIGITAL COMMUNICATION LINKS	98812665.6	12/23/98		
100.0409		CN	TEST ACCESS SYSTEM AND METHOD FOR DIGITAL CROSS CONNECT COMMUNICATION NETWORKS	008101817	6/7/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0411		CN	TEST ACCESS AND PERFORMANCE MONITORING SYSTEM AND METHOD FOR CROSS-CONNECT COMMUNICATION NETWORK	988139650	12/23/98		
100.0414		CN	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	00819006.2	12/14/00		
100.0450		CN	MEASURING AN ERROR RATE IN A COMMUNICATION LINK	200380109394.4	12/3/03	200380109394.4	6/4/08
100.0451		CN	DISTRIBUTED DIGITAL SIGNAL SUMMATION AND GAIN CONTROL	200380109399.7	12/3/03	ZL200380109399.7	9/3/08
100.0452		CN	DISTRIBUTED DIGITAL ANTENNA SYSTEM	200380109396.3	12/3/03	ZL200380109396.3	12/1/10
100.0453		CN	SMALL SIGNAL THRESHOLD AND PROPORTIONAL GAIN DISTRIBUTED DIGITAL COMMUNICATIONS	200380109397.8	12/3/03		
100.0567		CN	SCALABLE DISTRIBUTED RADIO NETWORK	200680010662.0	2/1/06		
100.0622		CN	MULTIPLE PORT, FIBER OPTIC CIRCULATOR	99813795.2	10/19/99		
100.0623		CN	MULTIPLE PORT, FIBER OPTIC ISOLATOR	99812725.6	10/19/99		
100.0624		CN	MULTIPLE PORT FIBER OPTIC COUPLING DEVICE	99812727.2	10/19/99		
100.0626		CN	FIBER OPTIC DEVICE OPERATING AT TWO OR MORE WAVELENGTHS	01805121.9	2/16/01		
100.0627		CN	FIBER OPTIC ISOLATOR FOR USE WITH MULTIPLE-WAVELENGTH OPTICAL SIGNALS	01807170.8	2/16/01		
100.0633		CN	A METHOD OF EVALUATING TUNEABLE LASERS	ZL00803856.2	2/15/00	00803856.2	5/19/04
100.0634		CN	A METHOD OF CHARACTERIZING A TUNEABLE LASER	00803883.X	2/15/00	ZL00803883.X	8/18/04
100.0635		CN	A METHOD OF CHARACTERIZING A TUNEABLE LASER AND DETERMINING ACTUAL WAVE LENGTH	00803884.8	2/15/00	ZL00803884.8	8/25/04
100.0682		CN	TUBULAR MEMBRANE VENT	200680037369.3	8/17/06	200680037369.3	9/29/10
100.0701		CN	USE OF FORWARD ERROR CORRECTION IN WIDEBAND DIGITAL RF TRANSPORT SYSTEMS	200780013644.2	2/15/07		
100.0707		CN	PROVIDING WIRELESS COVERAGE INTO SUBSTANTIALLY CLOSED ENVIRONMENTS	200680029629.2	6/8/06	ZL200680029629.2	7/11/12
100.0707		CN	PROVIDING WIRELESS COVERAGE INTO SUBSTANTIALLY CLOSED ENVIRONMENTS	201210153142.2	5/17/12		
100.0784		CN	SYSTEM AND METHOD FOR ENHANCING THE PERFORMANCE OF WIDEBAND DIGITAL RF TRANSPORT SYSTEMS	200780020472.1	4/6/07	ZL200780020472.1	2/20/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0784		CN	SYSTEM AND METHOD FOR ENHANCING THE PERFORMANCE OF WIDEBAND DIGITAL RF TRANSPORT SYSTEMS	201210331298.5	9/10/12		
100.0788		CN	SYSTEMS AND METHODS FOR ANALOG TRANSPORT OF RF VOICE/DATA COMMUNICATIONS	200780021624.X	4/10/07	ZL200780021624.X	2/8/12
100.0804		CN	ENCLOSURE FOR ELECTRONIC COMPONENTS	200730157975.6	6/21/07	ZL200730157975.6	8/13/08
100.0814		CN	DELAY MANAGEMENT FOR DISTRIBUTED COMMUNICATIONS NETWORKS	200880103706.3	8/13/08		
100.0828		CN	MODULAR WIRELESS COMMUNICATIONS PLATFORM	200880006156.3	1/25/08	ZL200880006156.3	4/10/13
100.0828		CN	MODULAR WIRELESS COMMUNICATIONS PLATFORM	201310074263.2	3/8/13		
100.0846		CN	METHOD AND SYSTEM FOR ENHANCING THE PERFORMANCE OF WIDEBAND DIGITAL RF TRANSPORT SYSTEMS	200880009834.1	3/27/08		
100.0871		CN	SYSTEM AND METHOD FOR SELECTIVELY REJECTING FREQUENCY BANDS IN WIRELESS COMMUNICATION SYSTEMS	200880107885.8	9/17/08		
100.0879		CN	SYSTEMS AND METHODS FOR DOPPLER SHIFT COMPENSATION IN OFDMA COMMUNICATIONS	200980122222.8	4/25/09		
100.0879		CN	SYSTEMS AND METHODS FOR DOPPLER SHIFT COMPENSATION IN OFDMA COMMUNICATIONS	201210099674.2	3/29/12		
100.0914		CN	METHOD AND SYSTEM FOR PERFORMING ONSITE MAINTENANCE OF WIRELESS COMMUNICATION SYSTEMS	200980118111.X	5/19/09		
100.092		CN	METHOD AND APPARATUS FOR SWITCHING IN A TDD SYSTEM	200980133802.7	6/22/09	ZL200980133802.7	7/23/14
100.0921		CN	METHOD AND APPARATUS FOR FRAME DETECTION IN A COMMUNICATIONS SYSTEM	200980124024.5	6/22/09		
100.0924		CN	SYSTEM AND METHOD FOR SYNCHRONIZED TIME-DIVISION DUPLEX SIGNAL SWITCHING	200980124026.4	6/22/09	ZL200980124026.4	7/9/14
100.0925		CN	SYSTEM AND METHOD FOR CONFIGURABLE TIME-DIVISION DUPLEX INTERFACE	200980124023.0	6/22/09		
100.0936		CN	Communication system having a community wireless local area network for voice and high speed data communication	03806480.4	1/24/03		
100.0937		CN	Distribution of radio-frequency signals through low bandwidth infrastructures	97195710.X	4/18/97	CN1240192C	2/1/06

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0948		CN	System and method for distributing wireless communication signals over metropolitan telecommunication networks	Not Assigned	10/14/03		
100.0953		CN	System for and method of for providing dedicated capacity in a cellular network	200780034347.6	7/3/07	ZL200780034347.6	1/2/13
100.0954		CN	DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM AND METHODS OF IMPLEMENTING THEREOF	200780039284.3	8/7/07	ZL200780039284.3	2/19/14
100.0955		CN	SYSTEM AND METHOD OF PROVIDING REMOTE COVERAGE AREA FOR WIRELESS COMMUNICATIONS	200780051630.X	11/8/07	ZL200780051630.X	12/12/12
100.0957		CN	SYSTEM FOR AND METHOD OF CONFIGURING DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM	200780101293.0	11/8/07	ZL200780101293.0	6/12/13
100.0958		CN	DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM	200780053555.0	11/8/07		
100.0958		CN	DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM	201410342556.9	7/18/14		
100.0968		CN	Self-contained masthead units for cellular communication networks	98812480.7	10/21/98	98812480.7	1/5/05
100.0969		CN	Frequency agile transceiver with multiple frequency synthesizers per transceiver	96195419.1	4/29/96		
100.0970		CN	Spread spectrum communication network signal processor	96195248.2	4/29/96	ZL96195248.2	5/12/04
100.0973		CN	CELLULAR NETWORK COMMUNICATION SYSTEM	99812650.0	9/3/99	ZL99812650.0	1/21/04
100.0975		CN	ENVIRONMENTALLY-HARDENED ATM NETWORK	02807240.5	1/25/02		
100.0986		CN	Methods and apparatus for improved base station transceivers	98810107.6	8/17/98	ZL98810107.6	3/9/05
100.0987		CN	Tower top cellular communication devices and method for operating the same	02821228.2	8/27/02		
100.0997		CN	Method and apparatus for receive channel noise suppression	01817410.8	8/22/01		
100.1010		CN	ENVIRONMENTALLY-HARDENED REMOTE DSLAM	02807245.6	1/25/02		
100.1011		CN	ALTERNATE FAULT NOTIFICATION SYSTEM IN A COMMUNICATION NETWORK	01818319.0	8/22/01		
100.1057		CN	A METHOD OF WAVELENGTH LOCKING AND MODE MONITORING A TUNABLE LASER	00803877.5	2/15/00		
100.1058		CN	A METHOD AND ARRANGEMENT FOR CONTROLLING A TUNEABLE LASER	00810444.1	6/21/00		
100.1066		CN	RANGE EXTENSION FOR TIME DIVISION DUPLEX SYSTEMS	201080019691.X	3/3/10	ZL201080019691.X	12/25/13
100.1071		CN	METHOD AND APPARATUS FOR DETERMINING AN END OF A SUBFRAME IN A TDD SYSTEM	200980132204.8	8/18/09		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1072		CN	CLOCK PRIORITY CHAIN LEVEL SYSTEMS AND METHODS	200980148285.0	12/1/09	ZL200980148285.0	4/24/13
100.1075		CN	SYSTEMS AND METHODS FOR MOBILE PHONE LOCATION WITH DIGITAL DISTRIBUTED ANTENNA SYSTEMS	201080004462.0	1/11/10		
100.1077		CN	MULTIPLE UP/DOWN CONVERTERS-CHANNELIZED MULTIPLE UP/DOWN PATHS IN A DIGITAL-ANALOG RADIO TRANSCEIVER	201080004461.6	1/13/10		
100.1077		CN	SYSTEMS AND METHODS FOR IMPROVED DIGITAL RF TRANSPORT IN DISTRIBUTED ANTENNA SYSTEMS	201510316252.X	6/10/15		
100.1078		CN	METHOD AND SYSTEM FOR DIGITALLY EQUALIZING A SIGNAL IN A DISTRIBUTED ANTENNA SYSTEM	200980155533.4	12/21/09	ZL200980155533.4	8/27/14
100.1086		CN	COMPLEX OPTICAL MODULATION FOR REAL TIME COMMUNICATION				
100.1095		CN	METHOD OF INSERTING CDMA BEACON PILOTS IN OUTPUT OF DISTRIBUTED REMOTE ANTENNA NODES	201080032587.4	5/18/10		
100.1095		CN	METHOD OF INSERTING CDMA BEACON PILOTS IN OUTPUT OF DISTRIBUTED REMOTE ANTENNA NODES	201080032587.4	5/18/10		
100.1115		CN	AGGREGATION OF PHYSICAL LAYER INFORMATION RELATED TO A NETWORK	201080016488.7	2/12/10		
100.1115		CN	AGGREGATION OF PHYSICAL LAYER INFORMATION RELATED TO A NETWORK	201510236356.X	2/12/10		
100.1117		CN	AN ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND INTERNET PROTOCOL BACKHAUL	200980104684.7	2/6/09		
100.1118		CN	AN ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND SUPPORTING MULTIPLE-DEVICE RING FOR INCOMING CALLS	200980104680.9	2/6/09		
100.1119		CN	AN ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND THE SESSION INITIATION PROTOCOL	200980104451.7	2/6/09	ZL200980104451.7	10/29/14
100.1141		CN	DISTRIBUTED DIGITAL REFERENCE CLOCK	201180036792.2	7/27/11		
100.1144		CN	SWITCH-STATE INFORMATION AGGREGATION	201180039312.8	6/10/11		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1145		CN	AUTOMATIC GAIN CONTROL CONFIGURATION FOR A WIDEBAND DISTRIBUTED ANTENNA SYSTEM	201180025620.5	3/16/11		
100.1153		CN	DISTRIBUTED ANTENNA SYSTEM (DAS) WITH DELAYED TRANSPORT TO PAIRED ANTENNAS	201080007598.7	2/9/10		
100.1161		CN	INTER-NETWORKING DEVICES FOR USE WITH PHYSICAL LAYER INFORMATION	201080016490.4	2/12/10		
100.1162		CN	NETWORK MANAGEMENT SYSTEMS FOR USE WITH PHYSICAL LAYER INFORMATION	201080016474.5	2/12/10		
100.1163		CN	MANAGED CONNECTIVITY DEVICES, SYSTEMS, AND METHODS	201080016472.6	2/12/10		
100.1163		CN	MANAGED CONNECTIVITY DEVICES, SYSTEMS, AND METHODS	201410579849.9	10/27/14		
100.1169		CN	DISTRIBUTED ANTENNA SYSTEM WITH COMBINATION OF DIGITAL TRANSPORT TO REMOTE UNITS AND HYBRID DIGITAL AND ANALOG TRANSPORT (AKA BI-HYBRID)	201180063065.5	10/25/11		
100.1174		CN	DISTRIBUTED ANTENNA SYSTEM USING TIME DIVISION DUPLEXING SCHEME	201280052989.X	10/24/12		
100.1178		CN	IDENTIFIER ENCODING SCHEME FOR USE WITH MULTI-PATH CONNECTORS	201280025290.4	3/22/12		
100.1186		CN	END-TO-END DELAY MANAGEMENT FOR DISTRIBUTED COMMUNICATIONS NETWORKS	201280040774.6	6/13/12		
100.1195		CN	ANTENNA MODULE HAVING INTEGRATED RADIO FREQUENCY CIRCUITRY	201280038549.9	6/8/12		
100.1196		CN	DISTRIBUTED ANTENNA SYSTEM ARCHITECTURES	201280039576.8	6/13/12		
100.1197		CN	EVOLVED DISTRIBUTED ANTENNA SYSTEM	201280032240.9	6/29/12		
100.1207		CN	INTELLIGENT FIBER CABLE MANAGEMENT USER APPLICATION	201280067811.2	11/21/12		
100.1209		CN	SYSTEMS AND METHODS FOR A SELF-OPTIMIZING DISTRIBUTED ANTENNA SYSTEM				
100.1209		CN	SYSTEMS AND METHODS FOR A SELF-OPTIMIZING DISTRIBUTED ANTENNA SYSTEM	201380045950.X	7/8/13		
100.1223		CN	TIMING ADJUSTMENTS FOR SMALL CELL DISTRIBUTED ANTENNA SYSTEMS	201380019886.8	2/12/13		
100.1239		CN	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE	201380033678.3	6/25/13		
100.1239		CN	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE				
500.0822		CN	VISUAL DATA INTEGRATION SYSTEM AND METHOD	99806555.2	4/15/99		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0143		CN	DELAY COMPENSATED JACK	90100432.4	1/25/90		
2316.0423		CN	THYRISTOR FAIL-SAFE DEVICE	93116401	8/13/93		
2316.0488		CN	HIGH-DENSITY FIBER DISTRIBUTION FRAME	941948544	11/16/94	941948544	7/28/00
2316.0498		CN	JACK MODULE	94193971.5	5/24/94		
2316.0691		CN	SWITCHING COAX JACK DEVICE	CC 98803976.1	3/23/98	ZL98803976.1	3/15/06
2316.0753		CN	DSX MODULE WITH REMOVABLE JACK	98802930.8	2/23/98	98802930.8	10/22/03
2316.0777		CN	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	CN 98803966.4	3/23/98		
2316.0786		CN	FIBER CONNECTOR AND ADAPTER	03154894.6	9/1/99	ZL03154894.6	4/12/06
2316.0786		CN	FIBER CONNECTOR AND ADAPTER	99810077.3	9/1/99	ZL99810077.3	8/25/04
2316.0786		CN	FIBER CONNECTOR AND ADAPTER	98805244.X	5/14/98	98805244.X	5/19/04
2316.0891		CN	REPAIRABLE CONNECTOR AND METHOD	99802191.1	1/5/99	99802191.1	4/21/04
2316.0926		CN	OUTSIDE PLANT FIBER DISTRIBUTION APPARATUS AND METHOD	99809195.2	7/26/99		
2316.0942		CN	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	99807006.8	5/20/99	99807006.8	5/12/04
2316.0942		CN	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	200410028636.3	5/20/99	ZL 200410028636.3	1/7/09
2316.0951		CN	FIBER OPTIC ADAPTER, INCLUDING HYBRID CONNECTOR SYSTEM	99813586.0	11/10/99		
2316.0974		CN	FIBER OPTIC CABINET AND TRAY	99811103.1	8/25/99	99811103.1	6/23/04
2316.0988		CN	JACK ASSEMBLY	99815547.0	11/5/99	99815547.0	12/27/06
2316.1010		CN	MICROELECTROMECHANICAL OPTICAL SWITCH AND METHOD OF MANUFACTURE THEREOF	00811629.6	8/1/00	ZL00811629.6	11/9/05
2316.1017		CN	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	008051062	2/10/00	ZL00805106.2	7/20/05
2316.1017		CN	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	200510075487.0	2/10/00		
2316.1171		CN	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	01807730.7	3/14/01	ZL01807730.7	10/11/06
2316.1172		CN	POWER DISTRIBUTION PANEL WITH HEAT SINK	01806669.0	3/8/01		
2316.1229		CN	LOW PROFILE TELECOMMUNICATIONS JACK WITH LAMP SWITCH	01818675.0	10/30/01	018186750	7/4/07
2316.1247		CN	TUNABLE FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	01822045.2	12/14/01	ZL01822045.2	9/28/05
2316.1348		CN	TELECOMMUNICATIONS JACK SUBASSEMBLY	01820703.0	10/30/01	01820703.0	1/30/08

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1362		CN	DIGITAL SWITCHING CROSS-CONNECT MODULE	03817239.9	7/10/03	ZL03817239.9	9/9/09
2316.1378		CN	MULTI-CIRCUIT SIGNAL TRANSFORMER	02803923.8	1/23/02	02803923.8	3/7/07
2316.1397		CN	CARD EDGE COAXIAL CONNECTOR	03807260.2	3/21/03	038072602	6/4/08
2316.1397		CN	CARD EDGE COAXIAL CONNECTOR	200810089935.6	4/9/08		
2316.1475		CN	CABLE STORAGE SPOOL	028059824	3/5/02		
2316.1486		CN	CARD EDGE CONTACT INCLUDING COMPLIANT END	02816488.1	8/6/02	02816488.1	6/28/06
2316.1519		CN	JACK; JACK ASSEMBLY; AND METHODS	02118599.9	4/30/02	ZL02118599.9	1/11/06
2316.1533		CN	GUIDE FOR FEMALE BNC CONNECTOR PART	998026158	1/29/99	ZL99802615.8	5/18/05
2316.1599		CN	FIBER TERMINATION BLOCK WITH ANGLED SLIDE	02822825.1	11/7/02	ZL 02822825.1	12/16/09
2316.1605		CN	FRONT ACCESS DSX ASSEMBLY	02818487.4	9/16/02	ZL02818487.4	2/3/10
2316.1607		CN	APPARATUS AND METHOD FOR POLISHING A FIBER OPTIC CONNECTOR	200480003123.5	1/26/04	ZL 200480003123.5	5/12/10
2316.1624		CN	TELECOMMUNICATIONS PATCH PANEL	2002822827.8	11/13/02	ZL 02822827.8	10/13/10
2316.1637		CN	TRIAXIAL CONNECTOR ADAPTER AND METHOD	03802396.2	1/16/03	ZL03802396.2	1/7/09
2316.1638		CN	TRIAXIAL CONNECTOR INCLUDING CABLE CLAMP	03802395.4	1/16/03	ZL 03802395.4	4/1/09
2316.1681		CN	FIBER MANAGEMENT MODULE WITH CABLE STORAGE	03811693.6	5/20/03	ZL 03811693.6	4/23/08
2316.1685		CN	PRESS-IN PLACE LED FOR A DIGITAL SWITCHING CROSS-CONNECT MODULE	200580027916.5	6/17/05	ZL 200580027916.5	5/12/10
2316.1692		CN	REAR ACCESS DSX SYSTEM	200380101690.X	10/8/03	200380101690.X	8/25/10
2316.1693		CN	HIGH DENSITY DSX SYSTEM	03824382.2	10/8/03	ZL 03824382.2	10/14/09
2316.1702		CN	CABLE MANAGEMENT ASSEMBLY, SYSTEM AND METHOD	200380103410.9	11/12/03	ZL200380103410.9	9/2/09
2316.1722		CN	TERMINATED COAXIAL CONNECTOR	03817682.3	5/7/03	038176823	11/28/07
2316.1726		CN	FIBER MANAGEMENT DRAWER AND PATCH PANEL	03815449.8	7/17/03	ZL 03815449.8	2/27/08
2316.1737		CN	10/100 MBS NETWORK DEVICE	200480034754.3	9/21/04	ZL 200480034754.3	5/12/10
2316.1744		CN	HIGH DENSITY PANEL WITH ROTATING TRAY	2003824162.5	9/26/03	ZL03824162.5	5/26/10
2316.1747		CN	POWER DISTRIBUTION PANEL WITH MODULAR INSERTS	200380106033.4	12/12/03	ZL 200380106033.4	4/1/09

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1780		CN	FIBER CONTAINMENT SYSTEM	200480015111.4	5/28/04	200480015111.4	9/15/10
2316.1780		CN	FIBER CONTAINMENT SYSTEM	201010249736.4	8/11/10	ZL 201010249736.4	10/3/12
2316.1785		CN	TELECOMMUNICATIONS CONNECTION CABINET	200910205837.9	10/9/09	ZL 200910205837.9	2/6/13
2316.1785		CN	TELECOMMUNICATIONS CONNECTION CABINET	200480018908.X	6/18/04	ZL 200480018908.X	12/2/09
2316.1787		CN	FIBER OPTIC CONNECTOR HOLDER AND METHOD	200480017183.2	6/23/04	ZL200480017183.2	6/16/10
2316.1787		CN	FIBER OPTIC CONNECTOR HOLDER AND METHOD	201010154163.7	4/20/10	ZL 201010154163.7	8/17/11
2316.1793		CN	SLIDE ARRANGEMENT FOR CABLE DRAWER	200480018504.0	7/15/04	ZL 200480018504.0	7/8/09
2316.1793		CN	SLIDE ARRANGEMENT FOR CABLE DRAWER	200910142973.8	5/19/09	ZL 200910142973.8	5/11/11
2316.1795		CN	TRIAXIAL BULKHEAD CONNECTOR	200480018392.9	8/10/04	ZL 200480018392.9	1/7/09
2316.1799		CN	HINGE FOR FOR CABLE TROUGH COVER	200810169897.5	10/9/08	ZL 200810169897.5	8/22/12
2316.1799		CN	COVER FOR CABLE TROUGH	200480031983.X	10/13/04	ZL 200480031983.X	2/18/09
2316.1801		CN	FIBER OPTIC CABLE AND FURCATION MODULE	200480025714.2	9/1/04	ZL 200480025714.2	5/1/13
2316.1801		CN	FIBER OPTIC CABLE AND FURCATION MODULE	201110235054.2	8/11/11		
2316.1808		CN	JACK WITH MODULAR MOUNTING SLEEVE	200480032358.7	10/29/04	ZL200480032358.7	8/5/09
2316.1822		CN	LONG FRAME HIGH DENSITY PATCHING SYSTEM	200580024253.1	7/20/05		
2316.1823		CN	SERVICE BLOCKER DEVICE AND METHOD	200580042680.2	12/12/05	ZL200580042680.2	8/5/09
2316.1825		CN	PROTECTIVE BOOT AND UNIVERSAL CAP	200580004482.7	2/8/05	200580004482.7	9/1/10
2316.1832		CN	WDM SYSTEMS AND METHODS (CWDM)	200580013949.4	2/25/05		
2316.1850		CN	DSX MODULE WITH PERFORMANCE MONITORING	200580024503.1	7/18/05	ZL 200580024503.1	2/17/10
2316.1863		CN	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	200580019709.5	6/13/05	ZL 200580019709.5	2/3/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1863		CN	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	200910260501.2	12/16/09	ZL 200910260501.2	4/23/14
2316.1868		CN	HIGH DENSITY COAXIAL SWITCHING JACK	200680021120.3	4/7/06	200680021120.3	9/21/11
2316.1869		CN	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	200580027531.9	9/9/05	ZL200580027531.9	8/5/09
2316.1888		CN	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	200480039344.8	10/14/04	ZL 200480039344.8	7/6/11
2316.1888		CN	CABLE WITH OFFSET FILLER	200480039399.9	10/14/04	ZL 200480039399.9	5/12/10
2316.1889		CN	METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS	200580012555.7	2/18/05	ZL 200580012555.7	1/29/14
2316.1891		CN	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	200580012554.2	2/18/05	ZL 200580012554.2	9/16/09
2316.1892		CN	Cable with twisting filler and shared sheath	02808355.5	4/16/02		
2316.1893		CN	High performance data cable	99805867.X	4/16/99	99805867.X	6/16/04
2316.1894		CN	Tuned patch cable	00808177.8	5/25/00	ZL00808177.8	10/19/05
2316.1895		CN	Low delay skew multi-pair cable and method of manufacture	00809205.2	5/25/00	ZL00809205.2	6/15/05
2316.1896		CN	Optimizing lan cable performance	00809180.3	5/24/00	ZL00809180.3	11/10/04
2316.1897		CN	Cable assembly with molded stress relief and method for making the same	00809234.6	5/25/00		
2316.1906		CN	Cable with twisting filler	99810747.6	8/6/99		
2316.1911		CN	OUTSIDE PLANT FIBER OPTIC CABLE WITH THERMAL PROTECTION	200580037676.7	10/31/05	ZL 200580037676.7	4/29/09
2316.1912		CN	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	200580045479.X	11/2/05	200580045479.X	5/23/12
2316.1951		CN	CABLE MANAGEMENT ASSEMBLY, SYSTEM AND METHOD	200680010450.2	3/30/06	200680010450.2	2/1/12
2316.1954		CN	TELECOMMUNICATIONS CABLE JACKET ADAPTED FOR POST-EXTRUSION INSERTION OF OPTICAL FIBER AND METHODS FOR MANUFACTURING THE SAME	200680004699.2	2/9/06	ZL 200680004699.2	6/23/10
2316.1955		CN	LOW SHRINK TELECOMMUNICATIONS CABLE AND METHODS FOR MANUFACTURING THE SAME	200680005231.5	1/13/06		
2316.2069		CN	LOOP PLUG	200680003230.7	1/27/06	ZL 200680003230.7	8/10/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2105		CN	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	200680012600.3	4/7/06	ZL 200680012600.3	4/4/12
2316.2109		CN	FIBER OPTIC CONNECTOR HOLDER	200680027066.3	7/20/06	ZL 200680027066.3	10/6/10
2316.2113		CN	CABLE TROUGH SYSTEM AND METHOD	200680037100.5	9/29/06	ZL 200680037100.5	2/23/11
2316.2113		CN	CABLE TROUGH SYSTEM AND METHOD	201110006142.5	1/6/11	ZL 201110006142.5	3/6/13
2316.2114		CN	FIBER OPTIC SPLITTER MODULE	200680017864.8	5/18/06	ZL 200680017864.8	3/10/10
2316.2115		CN	FIBER OPTIC ADAPTER MODULE	200680017865.2	5/18/06	ZL 200680017865.2	5/19/10
2316.2115		CN	FIBER OPTIC ADAPTER MODULE	201010124462.6	2/26/10	ZL 201010124462.6	6/20/12
2316.2116		CN	FIBER OPTIC ADAPTER MODULE	200680023225.2	7/19/06	ZL 200680023225.2	5/19/10
2316.2126		CN	SYSTEMS AND METHODS FOR LIFTING A TERMINAL ENCLOSURE IN BELOW GROUND APPLICATIONS	200680027070	5/18/06		
2316.2137		CN	FIBER OPTIC ADAPTER MODULES WITH IDENTIFICATION SYSTEM	200680029164.0	7/31/06		
2316.2139		CN	CABLE MANAGEMENT PANEL WITH REAR ENTRY	200680028201.6	7/20/06	ZL 200680028201.6	10/13/10
2316.2140		CN	SPLICE CHIP DEVICE	200680029720.4	8/22/06	ZL 200680029720.4	5/4/11
2316.2143		CN	STACKABLE SPLICE CHIP DEVICE	200680029685.6	8/22/06	ZL 200680029685.6	5/18/11
2316.2171		CN	CRIMPED CENTER CONDUCTOR	200680049328.6	10/11/06		
2316.2172		CN	CONNECTOR INCLUDING MEDIA CONVERTER	200680044689.1	11/22/06	ZL 200680044689.1	9/28/11
2316.2179		CN	TELECOMMUNICATIONS JACK WITH CROSSTALK COMPENSATION PROVIDED ON A MULTI-LAYER CIRCUIT BOARD	200780016856.6	4/10/07		
2316.2300		CN	SYSTEMS AND METHODS FOR HINGED PARKING IN FIBER DISTRIBUTION HUBS	200680012980.0	4/19/06		
2316.2302		CN	COMPACT OPTICAL SPLITTER (aka Gen 3 Splitter Module)	200680029815.6	6/15/06	ZL 200680029815.6	6/8/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2306		CN	HIGH DENSITY COAXIAL JACK	200780020961.7	4/19/07	ZL 200780020961.7	5/9/12
2316.2314		CN	FIBER OPTIC SPLITTER MODULE	200780005252.1	2/6/07	ZL 200780005252.1	4/20/11
2316.2314		CN	FIBER OPTIC SPLITTER MODULE	201110054168.7	3/4/11	ZL 201110054168.7	11/6/13
2316.2367		CN	INTELLIGENT PATCHING SYSTEM AND METHOD	200780014233.5	3/16/07		
2316.2371		CN	UNIVERSAL BRACKET FOR MOUNTING A DROP TERMINAL	200780015886.5	4/4/07	CL 200780015886.5	12/14/11
2316.2378		CN	Telecommunications Jack with Crosstalk Compensation and Arrangements for Reducing Return Loss	200780016846.2	4/10/07	ZL 200780016846.2	8/10/11
2316.2379		CN	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	200780016746	4/10/07		
2316.2396		CN	MULTI-PAIR CABLE WITH VARYING LAY LENGTH	200780027399.0	6/6/07	ZL 200780027399.0	12/28/11
2316.2408		CN	A Fitting for a Cable Trough System and a Finger Configured to Retain Cable	201010551293.4	11/16/10	ZL 201010551293.4	11/13/13
2316.2408		CN	CABLE ROUTING DEVICES WITH INTEGRATED COUPLERS	200780022955.5	6/11/07	ZL 200780022955.5	11/23/11
2316.2434		CN	FUSE AND BREAKER ALARM DEVICE AND METHOD USING A FINITE STATE MACHINE	200780047405.9	10/24/07	ZL 200780047405.9	8/13/14
2316.2454		CN	Drop Terminal with Anchor Block for Retaining a Stub Cable	200880013308.2	2/28/08	ZL 200880013308.2	11/6/13
2316.2459		CN	Network Interface Device	201110036513.4	1/31/11		
2316.2459		CN	Network Interface Device	200780044441.X	11/20/07		
2316.2460		CN	HARDENED FIBER OPTIC CONNECTOR	200880000302 6.4	1/23/08	200880000302 6.4	9/7/11
2316.2474		CN	OVERHEAD CABLE TERMINATION ARRANGEMENT	200880002471.9	1/15/08	ZL 200880002471.9	10/20/13
2316.2474		CN	OVERHEAD CABLE TERMINATION ARRANGEMENT	201310429353.9	9/18/13		
2316.2485		CN	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	200880005323.2	1/15/08	ZL 200880005323.2	5/1/13
2316.2485		CN	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	201310110427.2	4/1/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2492		CN	METHODS, SYSTEMS AND DEVICES FOR INTEGRATING WIRELESS TECHNOLOGY INTO A FIBER OPTIC NETWORK	201080019484.4	3/5/10		
2316.2498		CN	HARDENED FIBER OPTIC ADAPTER	200880003162.3	1/3/08		
2316.2503		CN	Field Terminatable Fiber Optic Connector Assembly	200880017182.6	4/11/08		
2316.2521		CN	REAR INTERFACE ASSEMBLY-Flex-X Module with Board Mounted Baluns	200880015628.1	3/27/08	ZL 200880015628.1	5/1/13
2316.2545		CN	WALL MOUNT BOX WITH SPLITTER	200880007625.3	2/13/08	ZL 200880007625.3	3/13/13
2316.2546		CN	TELECOMMUNICATIONS RACK UNIT TRAY	200880007555.1	1/21/08	ZL 200880007555.1	8/20/14
2316.2599		CN	CABLE MANAGEMENT ARRANGEMENT FOR A TELECOMMUNICATIONS CABINET	200880023799.9	5/13/08	ZL 200880023799.9	3/13/13
2316.2600		CN	TELECOMMUNICATIONS FRAME INCLUDING AN INTERNAL CABLE TROUGH ASSEMBLY	200880023749.0	5/13/08		
2316.2610		CN	Hinge for Cable Trough Cover	200880101324.7	7/31/08	ZL 200880101324.7	2/26/14
2316.2613		CN	Fiber Distribution Hub	200880112546.9	10/22/08	ZL 200880112546.9	4/16/14
2316.2652		CN	LOW PROFILE FIBER DISTRIBUTION HUB	200880114297.7	10/29/08		
2316.2652		CN	LOW PROFILE FIBER DISTRIBUTION HUB	201310381570.5	8/28/13		
2316.2658		CN	WAVELENGTH DIVISION MULTIPLEXING MODULE	200880112535.0	10/15/08	ZL 200880112535.0	6/12/13
2316.2660		CN	Hardened Fiber Optic Connector Compatible with Hardened and Non-Hardened Fiber Optic Adapters	200880126396.7	12/9/08	ZL 200880126396.7	7/17/13
2316.2660		CN	HARDENED FIBER OPTIC CONNECTOR SYSTEM WITH MULTIPLE ARRANGEMENTS	201310239544.9	9/4/13		
2316.2667		CN	Multi-Fiber Fiber Optic Cable	200980114538.2	3/27/09		
2316.2670		CN	TELESCOPING COVER FOR CABLE TROUGH SYSTEM	200880116441.0	12/4/08		
2316.2671		CN	FLEXIBLE COVER FOR CABLE TROUGH SYSTEM	200880116435.5	12/4/08	ZL 200880116435.5	11/13/13
2316.2690		CN	FIBER OPTIC ADAPTER WITH INTEGRALLY MOLDED FERRULE ALIGNMENT STRUCTURE	200980133198.8	8/26/09	ZL 200980133198.8	10/2/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2690		CN	FIBER OPTIC ADAPTER WITH INTEGRALLY MOLDED FERRULE ALIGNMENT STRUCTURE	201310409845.1	9/10/13		
2316.2692		CN	Wall Box Adapted to be Mounted at a Mid-Span Access Location of a Telecommunications Cable	200980108160.5	1/8/09	ZL 200980108160.5	6/4/14
2316.2700		CN	WAVELENGTH DIVISION MULTIPLEXING MODULE	200980103530.6	1/29/09		
2316.2712		CN	Fiber Optic Cable	200980124871.1	5/28/09	200980124871.1	7/2/14
2316.2714		CN	Fiber Optic Splice Enclosure	200980113371.8	2/13/09		
2316.2725		CN	Hardened Fiber Optic Connector with Connector Body Joined to Cylindrical Cable by Unitary Housing	200980123509.2	4/21/09	ZL 200980123509.2	5/29/13
2316.2726		CN	Splice of Fiber Optic Cables	200980143084.1	8/28/09		
2316.2729		CN	Adapter Plate with Angled Openings and Method of Manufacture	200980111443.5	3/16/09		
2316.2743		CN	REAR LATCH ARRANGEMENT FOR SLIDING DRAWER	200980111444.X	3/17/09		
2316.2745		CN	DRAWER ARRANGEMENT WITH RACK AND PINION	200980116194.9	5/4/09	ZL 200980116194.9	4/17/13
2316.2746		CN	UNIVERSAL CABLE MANAGEMENT PANEL	200980111438.4	3/17/09	ZL 200980111438.4	4/16/14
2316.2786		CN	Fiber Optic Splice Tray				
2316.2788		CN	Cable Anchoring Device	200980123527.0	4/16/09		
2316.2802		CN	METHODS AND SYSTEMS FOR DISTRIBUTING FIBER OPTIC TELECOMMUNICATIONS SERVICES TO LOCAL AREA	200980122837.0	6/19/09		
2316.2821		CN	FLEXIBLE EXTRUDED CABLE MOLDING SYSTEM, METHODS, AND TOOLS	200980124739.0	5/27/09		
2316.2826		CN	FLAT DROP CABLE	200980146966.3	10/28/09		
2316.2831		CN	POWER SWITCHING ARRANGEMENT	200980144626.7	10/9/09		
2316.2832		CN	FIELD TERMINABLE FIBER OPTIC ASSEMBLY	200980132987.X	7/10/09	ZL 200980132987.X	2/12/14
2316.2853		CN	FIBER OPTIC MODULE AND CHASSIS	201080004765.2	1/15/10		
2316.2861		CN	TWO STEP METHOD FOR DIRECT MOLDING MULTIFIBER CONNECTORS ON ARRAYS OF OPTICAL FIBERS	201080017199.9	3/17/10		
2316.2863		CN	Telecommunications Jack with Adjustable Crosstalk Compensation	200980155286.8	11/25/09		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2864		CN	FIBER OPTIC ADAPTER CASSETTE WITH SNAP-FIT FRONT	200980154036.2	12/4/09	ZL 200980154036.2	6/12/13
2316.2873		CN	FANOUT CABLE ASSEMBLY AND METHOD	200980139460.X	10/6/09		
2316.2907		CN	RF CIRCUIT MODULE AND PANEL	201080004095.4	1/6/10		
2316.2908		CN	Fiber Optic Enclosure	201080014256.8	1/26/10		
2316.2940		CN	FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	201080020052.5	4/6/10		
2316.2941		CN	Ruggedized Fiber Optic/Electrical Connection System	201180012408.5	2/1/11		
2316.2941		CN	Ruggedized Fiber Optic/Electrical Connection System	201510047141.3	1/29/15		
2316.2949		CN	RAPID UNIVERSAL RACK MOUNT DRAWER	201080042071.8	7/21/10		
2316.29		CN	RAPID UNIVERSAL RACK MOUNT DRAWER	201510367617.1	6/29/15		
2316.2955		CN	Methods, Systems and Devices for Providing Fiber-to-the-Desktop	201080058516.1	11/24/10		
2316.2965		CN	CABLE PULLING ASSEMBLY	201080020232.3	11/7/11		
2316.3045		CN	ELECTRICAL PLUG FOR MANAGED CONNECTIVITY SYSTEMS	201510065531.3	10/19/10		
2316.3045		CN	ELECTRICAL PLUG FOR MANAGED CONNECTIVITY SYSTEMS	201510065586.4	2/9/15		
2316.3045		CN	ELECTRICAL PLUG FOR MANAGED CONNECTIVITY SYSTEMS	201080057114.X	10/19/10		
2316.3057		CN	Fiber Optic Cable Assembly	201080058180.9	11/19/10		
2316.3069		CN	COMMUNICATIONS BLADED PANEL SYSTEMS	201180018498.9	2/11/11		
2316.3069		CN	COMMUNICATIONS BLADED PANEL SYSTEMS	201180018500.2	2/11/11		
2316.3071		CN	MANAGED FIBER CONNECTIVITY SYSTEMS	201180018666.4	2/11/11		
2316.3071		CN	MANAGED FIBER CONNECTIVITY SYSTEMS	201180018677.2	2/11/11		
2316.3071		CN	MANAGED FIBER CONNECTIVITY SYSTEMS	201180018681.9	2/11/11		
2316.3080		CN	INSECT-INFESTATION PREVENTION DEVICE FOR TELECOMMUNICATIONS EQUIPMENT	201180010988.4	1/24/11		
2316.3114		CN	CONTACT SET ARRANGEMENT FOR RIGHT ANGLE JACK	201180062185.3	10/14/11		
2316.3136		CN	RUGGEDIZED MULTI-FIBER FIBER OPTIC CONNECTOR WITH SEALED DUST CAP	201380050437.X	9/25/13		
2316.3145		CN	TELECOMMUNICATIONS ASSEMBLY	201180040418.X	6/23/11		
2316.3185		CN	FIBER OPTIC CABLE WITH ELECTRICAL CONDUCTORS	201280008113.5	2/14/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3193		CN	OPTICAL FIBER LOOPBACK ADAPTER	201380046326.1	9/6/13		
2316.3199		CN	MANAGED FIBER CONNECTIVITY SYSTEMS	201280029113.3	4/13/12		
2316.3201		CN	Strain Relief Boot for a Fiber Optic Connector	201280018553.9	3/15/12		
2316.3201		CN	Strain Relief Boot for a Fiber Optic Connector	201280018553.9	3/15/12		
2316.3202		CN	FIBER OPTIC CONNECTOR FOR 1.2 MM CABLE	201280021255.5	3/15/12		
2316.3207		CN	FIBER OPTIC CASSETTE, SYSTEM, AND METHOD	201280054571.2	10/5/12		
2316.3233		CN	WALL-MOUNTABLE OPTICAL FIBER AND CABLE MANAGEMENT APPARATUS	200710181689.2	10/24/07	ZL 200710181689.2	1/11/12
2316.3233		CN	FIBER OPTIC CABLE FOR MULTI-DWELLING UNIT (MDU) AND COMMERCIAL BUILDING DEPLOYMENTS	200810002922.0	1/11/08	ZL 200810002922.0	12/11/13
2316.3259		CN	MULTI-FIBER CONNECTOR WITH SIDE LOADING OF FERRULE	201280064226.7	10/30/12		
2316.3312		CN	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT	201280060144.5	10/5/12		
2316.3328		CN	Cable Anchoring System for a Fiber Optic Enclosure	201380023473.7	5/2/13		
2316.3342		CN	CABLE STORAGE SPOOL WITH CENTER FEED	201380034859.8	4/29/13		
2316.3342		CN	CABLE STORAGE SPOOL WITH CENTER FEED				
2316.3345		CN	Elastomeric Material With Reduced Extender Mobility				
2316.3348		CN	DUST CAP FOR A TELECOMMUNICATIONS CONNECTOR	201380021925.8	3/20/13		
2316.3395		CN	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	201380020530.6	2/20/13		
2316.3399		CN	FIBER OPTIC ADAPTER BLOCK	201380007431.4	1/11/13		
2316.3446		CN	DEPLOYING OPTICAL FIBERS USING INDEXING TERMINALS				
2316.3448		CN	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	201380037297.2	5/17/13		
2316.3448		CN	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES				
2316.3473		CN	RUGGEDIZED FIBER OPTIC CONNECTOR	201380032503.0	5/20/13		
2316.3473		CN	RUGGEDIZED FIBER OPTIC CONNECTOR				
2316.3528		CN	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	201380036830.3	7/10/13		
2316.3528		CN	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES				

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3625		CN	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
2316.3627		CN	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
2316.3661		CN	HYBRID POWER AND OPTICAL FIBER CABLE				
2316.3718		CN	System and Method for Applying an Adhesive Coated Cable to a Surface	201380055897.1	10/25/13		
	00-018	CN	Plastic patch panel	01816409.9	9/24/01	ZL01816409.9	2/7/07
	00-019	CN	Optical Fibre Connection Housing	01816410.2	9/24/01	ZL01816410.2	7/18/07
	01-005	CN	Strain relief device for a Plug Connector for Communications and Data technology	02818278.2	8/12/02	ZL02818278.2	10/11/06
	02-006	CN	Patch Cord Connector	03822661.8	7/16/03	ZL03822661.8	9/9/09
	96-020	CN	Terminal, isolating or connecting strip	97129719.3	12/9/97	ZL97129719.3	1/12/05
	07-018	CN	Electrical Connector	200880001497	2/29/08	ZL200880001497	12/7/11
	17968	CN	NETWORK CONNECTION SENSING ASSEMBLY	200380105340.0	11/5/03	ZL200380105340.0	3/3/10
	18013	CN	CABLE JACKET WITH INTERNAL SPLINES	200410098127.8	9/10/04	ZL200410098127.8	4/4/12
	03-002	CN	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	200480006723.7	2/27/04	ZL200480006723.7	8/26/09
	03-009	CN	Wall outlet box	200480031783.4	10/8/04	ZL200480031783	6/3/09
	04-007	CN	Housing	200480031820.1	10/27/04	ZL200480031820.1	3/30/11
	03-010	CN	Distribution device for communications and data technology	200480034734.6	11/12/04	ZL200480034734.6	4/28/10
	E-TO-00008	CN	Electrical Connector with Shielded Differential Contact Pairs	200680020053.3	5/1/06	ZL200680020053.3	1/26/11
	05-014	CN	Connecting element having a housing for telecommunications and/or data cables	200680029764.7	8/4/06	ZL200680029764.7	12/15/10
	05-017	CN	Method and device for coupling optical fibers	200680041179.9	11/2/06	ZL200680041179.9	2/2/11
	06-011	CN	Shielding Device	200780034739.2	7/18/07	ZL200780034739.2	6/13/12
	06-014	CN	Electrical connector having a dust cover	200780052162.8	7/18/07	ZL200780052162.8	12/4/13
	07-022	CN	Electrical Connector	200880008119.6	2/29/08	ZL200880008119.6	5/1/13
	07-017	CN	Electrical Connector	200880008183.4	2/29/08	ZL200880008183.4	10/26/11
	07-019	CN	Electrical Connector	200880008203.8	2/29/08	ZL 200880008203.8	1/4/12
	07-015	CN	Electrical Connector	200880008282.2	2/29/08	ZL200880008282.2	10/26/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	07-016	CN	Electrical Connector	200880008292.6	2/29/08	ZL200880008292.6	11/23/11
	07-021	CN	Electrical Connector	200880008302.6	2/29/08	ZL 200880008302.6	3/14/12
	07-020	CN	Electrical Connector	200880008353.9	2/29/08		
	08-009	CN	Printed circuit board for electrical connector	200980113102.1	4/29/09	ZL200980113102.1	9/25/13
	08-012	CN	Assembly for dispensing telecommunications cable from a reel	200980113247.1	3/3/09	ZL200980113247.1	5/1/13
	09-008	CN	Patch panel for an optical distribution frame	200980158130.5	12/16/09	ZL200980158130.5	6/25/14
	09-009	CN	Method and arrangement for identifying at least one object	200980158823.4	12/16/09		
	10-009	CN	Fiber Optic Telecommunications Module	201180011825.8	1/10/11		
	11-012	CN	Apparatus for transmission testing of a telecommunications jack	201210212159.0	6/21/12		
	11-001	CN	Fiber-optic connection arrangement and adapter sleeve	201280018744.5	2/10/12		
	TO-00374	CN	Dry Silicone Gels and Their Methods of Making	201280030122.4	6/20/12		
	TO-00375	CN	Closure and Interconnect Systems and Methods of Using Dry Silicone Gels in Closure and Interconnect Systems	201280030138.5	6/13/12		
	11-013	CN	Terminal Block and Inscription Frame	201280036189.9	6/13/12		
	11-014	CN	Surface-Mountable Enclosure	201280036776.8	7/26/12		
	11-015	CN	Modular unit and method for producing a modular unit	201280042768.4	8/27/12		
	TO-00499	CN	Wireless Drop in a Fiber-to-the-Home Network				
	ITRACS001	CN	A System for Monitoring Connection Pattern of Data Ports	00805956.X	4/5/00	ZL00805956.X	3/17/04
	00-015	CN	Electrical Connector	01814280.X	7/26/01	ZL01814280.X	4/13/05
	01-004	CN	Universal adapter	02816475.X	7/27/02	ZL02816475.X	11/29/06
	96-018	CN	Clamping device	97122935.X	11/22/97	ZL97122935.X	4/14/04
	18031	CN	CABLE TERMINATING APPARATUS AND METHOD	200410088257.3	6/4/04	ZL200410088257.3	10/29/08
	92-024	CN	Signal-connector with capacitive adjustment for improved crosstalk parameters	93118654.4	9/29/93	93118654.4	12/1/00
	93-023	CN	Connection block for high speed transmission in the telecommunication and data system	94106700.9	7/1/94	94106700.9	1/17/98
	MP1492	CN	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	95193246.2	4/6/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-021	CN	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95106893.8	6/30/95	95106893.8	2/5/00
	95-016	CN	Terminal block for high transmission rates	96112656.6	9/27/96	ZL96112656.6	11/5/03
	97-003	CN	Protection Plug	98107734.X	2/28/98	98107734.X	10/2/02
	98-010	CN	Electrical Connector	99107623.0	4/20/99	ZL99107623.0	5/11/05
	99-002	CN	Surge arrester mounting unit for telecommunications and data systems equipment	00101008.5	1/10/00	ZL00101008.5	4/19/06
	98-025	CN	Shielding device for connection strips in telecommunications and data engineering	99813574.7	10/14/99	ZL99813574.7	11/12/03
	00-004	CN	Duplex connector for fiber clips	01808327.7	3/21/01	ZL01808327.7	11/2/05
	00-008	CN	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01811216.1	5/30/01	ZL01811216.1	6/15/05
	03-006	CN	Distribution board connection module	03125572.8	9/18/03	ZL03125572.8	12/24/08
	01-007	CN	Terminal block	02824682.9	9/13/02	ZL02824682.9	10/28/09
	00-017	CN	Coupling device for glass fiber connectors	01816356.4	9/21/01	ZL01816356.4	12/7/05
	02-001	CN	Access guard for distributor modules	03805404.3	2/21/03		
	02-002	CN	Plug for connection modules and method for its manufacture	03806076.0	2/20/03	ZL03806076.0	1/9/08
	02-005	CN	Distribution box connection module for telecommunications and data technology	03819050.8	7/18/03	ZL03819050.8	1/27/10
	03-003	CN	Overvoltage protection magazine for a telecommunications device	200480010050.2	3/26/04	ZL200480010050.2	9/9/09
	02-004	CN	Device for an optical-fiber connection	03809941.1	4/25/03	ZL03809941.1	4/30/08
	05-005	CN	Plug connection	200680010158.0	3/1/06	ZL200680010158.0	12/23/09
	04-012	CN	Plug-in connector for printed circuit boards	200580037673.3	10/31/05	ZL200580037673	7/22/09
	04-009	CN	Tool for connecting cable cores	200580039222.3	10/31/05	ZL200580039222	7/1/09
	05-011	CN	Insulation displacement connector and equipment for telecommunications and data technology	200680026529.4 PCT/	7/17/06	ZL200680026529.4	8/4/10
	06-004	CN	Press-fit-connector	200780018057.2	4/26/07	ZL200780018057.2	1/19/11
	06-010	CN	Connector Block	200780019500.8	7/18/07	ZL200780019500.8	8/10/11
	03-011	CN	Connection module for telecommunication and data technique	200480038076.8	12/4/04		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	07-005	CN	Plug-in connector for printed circuit boards and connection module with plug-in connector for printed circuit	200780050367.2	12/13/07	ZL 200780050367.2	10/10/12
	06-013	CN	An Electrical Connector	200780052455.6	7/18/07		
	08-017	CN	Distribution board connection module for telecommunications and data technology	200980123054.4	6/15/09		
	09-002	CN	Overvoltage protection magazine for a telecommunications and data technology device	200980156182.9	12/18/09		
	09-003	CN	Overvoltage protection magazine or plug and method for the production of an overvoltage protection magazine or plug	200980156802.9	12/18/09		
	10-012	CN	Distribution cabinet	201110251006.2	8/16/11		
	04-002	CN	Plug connector for printed circuit boards	200580010426.4	3/19/05	ZL200580010426.4	2/10/10
	04-014	CN	Cable connector for printed circuit boards	200580044139.5	11/3/05	ZL200580044139.5	12/29/10
	00-009	CN	Connection module with overvoltage device	01811215.3	5/30/01	ZL01811215.3	7/13/05
	96-005	CN	Management-capable splice cassette	97104528.3	3/14/97	ZL97104528.3	4/16/03
	97-002	CN	Outdoor housing	98105504.4	3/6/98	ZL98105504.4	10/22/03
	97-032	CN	Patch Panel with retractable patch cord	98125970.7	12/31/98	ZL 98125970.7	5/21/03
	99-004	CN	Overvoltage protection element	00102275.X	2/18/00		
	98-013	CN	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99806390.8	5/12/99	ZL99806390.8	9/29/04
	99-017	CN	Connecting cable with an electrical plug connection	00816868.7	11/16/00	ZL00816868.7	5/11/05
	00-012	CN	Assembly and method for use in terminating an optical fiber or fibers	01810923.3	6/11/01	ZL01810923.3	4/12/06
	05-013	CN	Mounting apparatus for line and plug-in connecting elements	200680029915.9	8/4/06		
	06-002	CN	Plug-in connector for telecommunications and data technology	200780001366.9	2/5/07		
	06-009	CN	Connector Block	200780019451.8	7/18/07	ZL200780019451.8	3/13/13
	02-003	CN	Coupling for optical-fiber connectors	03809940.3	4/25/03	ZL03809940.3	6/25/08
	03-012	CN	Slipover distribution cabinet	200480011171.9	2/24/04		
	03-005	CN	Conductor connection module for printed circuit boards	200480021495.0	6/24/04		
	07-039	CN	TELECOMMUNICATIONS PATCH PANEL	200810173778.7	9/5/08	ZL200810173778.7	7/31/13
	08-030	CN	Apparatus for accommodating components from telecommunications and data technology	200980147760.2	10/27/09		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	17587	CN	Wiring Panel to Connect Security System to DSL Line Using Modem to Separate Voice From Data	01822481.4	12/21/01	ZL01822481.4	2/18/09
	17969	CN	PLUG AND BLOCK CONNECTOR SYSTEM FOR DIFFERENTIAL CONTACT PAIRS	200380108586.3	12/12/03	ZL200380108586.3	6/24/09
	18019	CN	ELECTRICAL COUPLER WITH SPLITTING RECEPTACLE JACK INTERFACES	200410039638.2	3/12/04	ZL200410039638.2	5/20/09
	18044	CN	NETWORK CONNECTION SENSING ASSEMBLY	200480016392.5	6/8/04		
	18079	CN	CABLE HAVING A FILLER	200410086979.5	10/20/04		
	18138	CN	SEALED CONNECTOR HAVING INTERNAL LATCHING MECHANISM THEREFOR	200580010189.1	3/15/05	ZL200580010189.1	5/20/09
	18150	CN	Telecommunications Patch Panel with Angled Connector Modules	200580019361.X	4/12/05		
	18180	CN	NON-ORTHOGONAL CABLE MANAGEMENT SYSTEM	200580019362.4	4/12/05	ZL200580019362.4	6/10/09
	84-014	CN	A terminal block with solderless, non-screwed and insulation stripping-free terminal elements with polytropic air gap for terminating cable wires and dropwire cables	85102337	4/1/85	3795	9/20/89
	85-003	CN		86104353	6/18/86		
	86-019	CN	Connector bank for cable wires, in particular for telephone cables	87103287	4/30/87	8546	12/5/90
	86-064	CN	A casing, particulary a junction-box casing for telecommunications engineering	87103915	5/28/87	6792	7/18/90
	86-066	CN	Cutting/clamping terminal element for electrical conductors	87107632	11/6/87	9988	3/27/91
	86-069	CN	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	87107287	12/3/87	26184	1/9/94
	87-075	CN	Connector bank for telecommunication devices	88104858.5	8/2/88	9463	2/27/91
	87-077	CN	Device for holding connector banks in telecommunication systems	88106107.7	8/18/88	11852	10/2/91
	87-166	CN	Terminal unit for cable pairs in Telecommunication systems	88103411.8	6/4/88	13898	4/1/92
	88-092	CN		88107348.2	10/20/88		
	88-095	CN	Contact member of electrical conductors	89104446.9	6/26/89	27662	7/12/94
	89-010	CN	Wire connector for cable wires, in particular of telecommunication cables	90109274.6	11/15/90	30288	3/10/95
	90-006	CN	Connecting block for the telecommunication and data technology	91101619.8	3/13/91	28496	9/14/94

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-015	CN	Protective circuit and protective device plug for telecommunication installations	91105804.4	8/14/91	39382	12/19/97
	90-021	CN		91110491.7	9/24/91		
	91-010	CN		92108860.4	7/25/92		
	91-014	CN	Cutting and clamping sleeve contact	92110668.8	9/11/92		
	92-004	CN	Case, in particular cable branching case	92115346.5	12/16/92		
	92-019	CN	Method for elctronically labelling articel	93121323.1	11/13/93		
	92-022	CN	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	93119422.9	10/25/93		
	92-026	CN	Method and arrangement for establishing networks of electro-optical display-field modules	93114370.5	11/11/93		
	93-006	CN		94100126.1	1/6/94		
	93-009	CN	Distribution device, in particular for the main distribution device of telephone and data lines	94100125.3	1/6/94		
	93-015	CN	Cable branching device	94104216.2	4/14/94		
	93-020	CN	Termination module	94105743.7	5/11/94	40445	3/19/98
	93-032	CN	Electrical Plug Connector	94116216.8	10/5/94		
	93-034	CN	Termination unit for telecommunication and data lines	94118925.2	11/19/94		
	93-036	CN	Coupling device between a glass fibre and a dielectric waveguide	94113851.8	11/22/94		
	93-040	CN	Process for reducing the tearability of a thermally shrinkable web	94104963.9			
	94-005	CN	Separation spark gap for limiting the maximum voltage on a surge arrester	95101747.0	1/28/95		
	94-006	CN	Winding cartridge	94108725.5	7/18/94		
	94-007	CN	Insulation displacement contact element	94118546.X	11/30/94	42867	9/12/98
	94-012	CN	Obliquely disposed insulation displacement contact	95103601.7	3/28/95	38862	10/18/97
	94-015	CN	Housing for optical components	95104193.2	4/26/95		
	94-018	CN	Automatic distribution device for telecommunication and data lines	95107545.4	6/16/95	78771	1/2/02
	94-027	CN	Manufacturing process for structured metal plating on surfaces	94113723.6	9/9/94		
	94-031	CN	Protection plug	95102746.8	2/14/95	37825	7/11/97
	94-039	CN	Charge detection in a telephone network	95190703.4	7/12/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	95-006	CN	Electrical Connectors	96106160.X	4/27/96	52664	12/24/99
	95-009	CN	Switching field	96111517.3	8/16/96		
	95-012	CN	Distribution device for telecommunications and data technique	96120330.7	9/27/96		
	95-013	CN	Termination device for the telecommunication and data technique	96119961.X	9/27/96		
	95-019	CN	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96120336.6	9/27/96		
	95-020	CN	Automatic re-arrangement and distribution device for telecommunication and data lines	96121156.3	9/27/96		
	96-001	CN	Electronic access control and security system	97102936.9	3/8/97		
	96-002	CN	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97104504.6	3/18/97		
	96-011	CN	High density high performance connector	97113286.0	5/22/97		
	96-013	CN	Connecting terminal	97120099.8	10/15/97	ZL97120099.8	4/2/03
	96-019	CN	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97126086.9	12/10/97		
	96-021	CN	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	97108785.7	12/19/97		
	97-008	CN	Arrangement of contact pairs for compensation of near-end crosstalk	98107154.6	3/5/98		
	97-012	CN	Distribution block for telecommunication and data technology	98108022.7	3/10/98		
	97-013	CN	Stationary housing with wall elements made of plastic	98108020.0	3/12/98		
	97-016	CN	Overvoltage protection module	98108768.X	5/9/98		
	97-018	CN	Overvoltage protection plug with fail-safe device	98109534.8	5/29/98		
	97-019	CN	Interface module	98109611.5	6/4/98		
	97-023	CN	Method for designing a telecommunications and data network	98808351.5	8/6/98		
	97-031	CN	Electrical power outlet with IDC connections	98122382.6	12/2/98		
	88-086	CN	Tool for connecting cable wires	88108612.6	12/16/88	16025	10/28/93
	88-088	CN	Protective plug for connector or disconnector banks	89100554.4	1/27/89	16509	12/2/92
	90-012	CN	Cutting Clamping Contact	91103484.6	4/30/91	39023	11/22/97

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	93-005	CN	Closing device for the door of a casing	94100127	1/6/94	71528	4/12/01
	94-025	CN	Printed Circuit Board for Connectors	95109864.0	8/9/95	61909	9/30/00
	98-002	CN	Support body for an electrical contact arrangement	99801549.0	1/21/99		
	04-004	CN	Connection module for telecommunications and data technology	200580029656.5	8/30/05		
	07-025	CN	Connecting strip and contact element for telecommunications and data technology	200880018738.3	5/16/08		
	98-022	CN	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-024	CN	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	93-030	CN	Terminal block	94116392.X	9/24/94	43575	10/17/98
	99-006	CN	Device for mounting terminal strips for telecommunication, control power and data technology	PCT/EP00/01685	2/29/00		
	04-010	CN	Distribution board connection module	200580037674.8	10/31/05		
	99-007	CN	Connector element with closure device	PCT/EP00/02122	3/10/00		
	04-011	CN	Distribution board connection module	200580037672.9	10/31/05	ZL200580037672.	8/26/09
	06-018	CN	Plug-in connector for printed circuit boards	200780046672.4	11/15/07		
	04-001	CN	Optical fiber plug-in connection	200580008314.5	2/25/05		
	09-005	CN	Strain relief device	200980158000.1	12/16/09		
	E-CC-00553	CN	Optical Attenuator	200910203993.1	4/2/09		
	E-TO-00029	CN	Modular Plug with Slider Latch	200680043367.5	10/2/06	ZL200680043367.5	2/23/11
	E-TO-00036	CN	Enhanced Jack with Plug Engaging Printed Circuit Board	200610125726.3	7/14/06		
	E-TO-00091	CN	Connector Receptacle Assembly	200780017060.2	3/13/07	ZL200780017060.2	4/20/11
	E-TO-00154	CN	Cable Management System	200880012756.0	4/23/08	ZL200880012756.0	1/11/12
	E-TO-00159	CN	Low-Profile Cable	200910126707.6	1/12/09		
	JACK003	CN	EXPANSION SEAL FOR CABLE PIPE	95210984.0	6/8/95	ZL95210984.0	7/12/96
	MP1064	CN	Optical Fiber Distribution Network	86104559	7/11/86		
	MP1239COM	CN	Telecommunication Terminal Block Or Adapter	89101229	3/4/89	89101229	5/6/93
	MP1275	CN	Rotary Connection Strain Relief On Terminal Block	89107875.4	9/19/89	89107875	7/12/94
	MP1374A	CN	Alarm And Test System For A Digital Added Mail Line	91109118.1	9/17/91	91109118	4/7/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1374A	CN	Alarm And Test System For A Digital Added Mail Line	94105613.9	9/17/90		
	MP1374C	CN	Gel Filled Modular Electrical Connecting Block	94190989.1	1/12/94		
	MP1381	CN	Coupling Circuit For Two-Wire Transmission Systems	91108593.9	8/27/91		
	MP1403	CN	Ez Twist Consumer Type Connectors	92102751.6	3/21/92		
	MP1404	CN	Hermaphroditic Gel Closure	92101777.4	3/13/92		
	MP1405	CN	Multi-Gauge Waffle Rotary Connection	92103696.5	5/15/92		
	MP1431	CN	Hybrid Fiber In The Loop Telephony System	93102151	3/2/93		
	MP1432	CN	Low Temperature Expandable Gaskets	93116260.2	8/7/93		
	MP1452	CN	Coaxial Cable Connection Protection System	93109857.2	7/10/93		
	MP1476	CN	Oval Port Seal	94193186.2	7/21/94		
	MP1511	CN	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	95193320.5	5/30/95		
	MP1514	CN	Environmental Protection Device With Manually Operated Latch Mechanism	95194372.3	5/17/95		
	NC003	CN	Cable Seal	92103218.8	4/30/92	92103218.	4/14/95
	NC006	CN	Gas Tube Vent-Safe Device	93109541.7	6/30/93		
	NC008	CN	Surge Arrestor Fail Safe Thermal Overload Mechanism	93107663.3	6/30/93		
	NC010	CN	Enclosure Assembly For Telecommunication Cables	93106729.4	6/16/93		
	NC011	CN	Telecommunications Network Interface Assembly	93105750.7	5/12/93		
	NC019	CN	Telecommunications Terminal		2/7/95		
	NC048	CN	Fiber Optic Splice Closure Including End Pivoting Slack Storage Holder With Adjustable Rear Wall And Associated Methods	00809249.4	3/29/00		
	NC066	CN	Connector Assembly for Use with Connector Plug	03814645.2	3/13/03	ZL03814645.2	6/4/08
	NC071	CN	Toggle Type Telecommunications Terminal Blocks	200480018707.X	4/6/04	ZL200480018707.X	1/20/10
	NC074	CN	Toggle Type Telecommunications Terminal Blocks Including a Travel Limit Member	200480039591.8	10/7/04	ZL200480039591.8	12/8/10
02316.2748WOU1	NT-00373	CN	Keying for MPO Systems	201380019243.3	2/28/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.2949CND1		CN	RAPID UNIVERSAL RACK MOUNT ENCLOSURE	201510367617.1	6/29/15		
02316.3308CNWO	TO-00452	CN	Aggregation Enclosure for Elevated, Outdoor Locations	201280059478.0	10/1/12		
02316.3345CNWO	TO-00482	CN	Hybrid Thermoplastic Gels and their Method of Making	201380042346.1	7/31/13		
02316.3392CNWO	TO-00402	CN	Portable Device for Attaching a Connector to an Optical Fiber	201280009462.9	2/7/12		
02316.3411CCWO	NT-00342	CN	Release Tab for an Electrical Connector and Electrical Connector Comprising Said Release Tab		2/7/12		
02316.3412CCWO	NT-00347	CN	RJ Type Connector Including a Disengagement Feature Action on the Latch of the Connector	201280017489.2	2/7/12		
02316.3413CNWO	TO-00509	CN	Optical Fiber Connection System Including Optical Fiber Alignment Device	201380018911.0	2/6/13		
02316.3597CNWO		CN	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
02316.3625CNWO		CN	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.3627CNWO		CN	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.3826CN01	NT-00335	CN	Electrical Connector with Terminal Array	201210082850.1	1/20/12		
02316.3827CNWO	NT-00317	CN	Electrical Connectors and Printed Circuits Having Broadside Coupling Regions	201180038324.9	7/29/11		
02316.3834CN01	NT-00330	CN	Electrical Connector Having A Substrate	202100825611	1/20/12		
02316.3835CNWO	E-TO-00125	CN	Interface Module	200780038589.2	10/9/07	ZL200780038589.2	3/20/13
02316.3836CN01	NT-00334	CN	Electrical Connector Having Crosstalk Compensation Insert	201210072519.1	1/20/12		
02316.3844CNWO	TO-00302	CN	Methods and Apparatus for Terminating Electrical Connectors to Cables	201080058469.0	12/14/10		
02316.3847CNWO	TO-00295	CN	Electrical Connector Having An Electrically Parallel Compensation Region	201080046935.3	8/19/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3848CNWO	TO-00274	CN	Electrical Connector With Crosstalk Compensation	201080037888.6	8/19/10		
02316.3849CNWO	TO-00272	CN	Electrical Connector with Separable Contacts	201080037637.8	8/19/10	ZL201080037637.8	10/22/14
02316.3871CN01	NT-00319	CN	Latch Assembly For A Connector Assembly	201120090144.2	1/17/11	ZL201120090144.2	1/4/12
02316.3875CND1		CN	SWITCH RACK SYSTEM	201510367927.3	6/29/15		
02316.3875CNWO	NT-00338	CN	Distribution Frame with Patch Cables	201180037998.7	6/2/11		
02316.3878CNWO	TY-00090	CN	Tool-Less Clamping Mechanism	201280037154.7	5/23/12		
02316.3879CNWO	TY-00084	CN	Ferrule with Protruding Fibers	201180041823.3	8/23/11		
02316.3882CNWO	E-TO-00009	CN	Electrical Connector with Crosstalk Compensation	200580043776.0	12/16/05	ZL200580043776.0	2/4/09
02316.3883CNWO	E-TO-00028	CN	Duplex Plug Adapter Module	200680014565.9	4/27/06	ZL200680014565.9	7/15/09
02316.3884CNWO	E-TO-00049	CN	Electrical Connector Adaptor with Strain Relief	200680043363.7	10/2/06	ZL200680043363.7	12/22/10
02316.3885CNWO	NT-00315	CN	Mounting Feature for the Contact Array of an Electrical Connector	201180005780.3	1/6/11		
02316.3887CNWO	E-TO-00088	CN	Receptacle with Crosstalk Optimizing Contact Array	200780016544.5	3/9/07	ZL200780016544.5	7/31/13
02316.3888CNWO	E-TO-00089	CN	Electrical Connector Having Staggered Contacts	200780027029.7	5/15/07	ZL200780027029.7	9/21/11
02316.3889CNWO	E-TO-00090	CN	Electrical Connector Having Contact Plates	200780014856.2	4/26/07		
02316.3890CNWO	NT-00318	CN	Plug Assembly	201180006153.1	7/16/12		
02316.3892CNWO	TY-00101	CN	Cable Anchoring System	201280036733.X	5/23/12		
02316.3904CNWO	18147	CN	INTERFACE ADAPTER MODULE	200580012949.2	4/26/05	ZL200580012949.2	2/18/09

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3905CNWO	18066	CN	OPTICAL FIBER CLAMPING ASSEMBLY	200480023954.9	6/30/04	ZL200480023954.9	1/7/09
02316.3908CNWO	E-TO-00241	CN	Terminal Block and Board Assembly for an Electrical Connector	201080045771.2	8/10/10		
02316.3909CNWO	TO-00311	CN	A Panel Assembly For A Connectivity Management System	201080033046.3	7/20/10		
02316.3910CNWO	TO-00275	CN	Faceplate Assembly And Label Cover	201090000983.4	6/23/10	ZL201090000983.4	1/23/13
02316.3915CNWO	E-TO-00205	CN	Electrical Connector With a Compliant Cable Strain Relief Element	200980123035.1	6/18/09	200980123035.1	11/20/13
02316.3916CNWO	E-TO-00208	CN	Cabling Having Shielding Separators	200990100351.2	4/29/09	ZL200990100351.2	12/28/11
02316.3927CN01	E-CC-00582	CN	Protective Cover for Field-Installable Connector	200910130709.2	1/21/09	ZL200910130709.2	4/30/14
02316.3928CNU1	18207	CN	Small Form Factor Field-Installable Connector	200510092335.1	6/30/05	ZL200510092335.1	4/22/09
02316.3929CN01	E-CC-00538	CN	Field Terminating Method and Device	200910203946.7	4/2/09	ZL200910203946.7	5/1/13
02316.3986CNWO	TO-00266	CN	Fiber Optic Multi Dwelling Unit Deployment Apparatus and Methods for Using the Same	200980157243.3	12/7/09	ZL200980157243.3	10/29/14
02316.4000CN01	NC004	CN	Telecommunications Terminal Block	92112838.X	10/10/92	ZL92112838.X	9/12/98
02316.4026CNWO	NC012	CN	Fiber Optic Splice Closure	93121443.2	11/25/93	93121443.2	7/10/98
02316.4029CN01	NC005	CN	Fiber Optic Splice Organizer And Associated Method	93109432.1	6/30/93	ZL93109432.1	4/2/98
02316.4031CNWO	NC007	CN	Apparatus And Method For Uniformly Irradiating A Strand	94191794.0	2/25/94	94191794.0	10/21/00
02316.4058CNWO	E-TO-00097	CN	Sealing Assemblies and Methods for Sealing an Elongate Member	200880015691.5	3/6/08	ZL200880015691.5	2/6/13
02316.4072CNWO	E-TO-00176	CN	Fiber Optic Cable Control Clips and Enclosure Assemblies and Methods Incorporating the Same	200880113376.6	8/26/08	ZL200880113376.6	7/24/13
02316.4077CNWO	TO-00270	CN	Cable Clamping Devices and Methods for Using the Same	200980156758.1	12/7/09	ZL200980156758.1	8/21/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0047/01		CN	CELLULAR RADIO SYSTEM WITH CENTRALIZED LOCATED BASE STATIONS AND DISTRIBUTED ANTENNA UNIT	94192782.2	5/25/94	67,081	12/29/00
100.1077CN02		CN	MULTIPLE UP/DOWN CONVERTERS-CHANNELIZED MULTIPLE UP/DOWN PATHS IN A DIGITAL-ANALOG RADIO TRANSCEIVER	201510316252.X	6/10/15		
100.1249CN01		CN	FLEXIBLE, RECONFIGURABLE MULTIPOINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT ARCHITECTURE		7/27/15		
2316.1006/01		CN	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	00803720.5	1/3/00	ZL 00803720.5	2/16/05
2316.1007/I1		CN	TELECOMMUNICATIONS JACK ASSEMBLY	00802806.0	1/4/00	00802806.0	6/6/07
2316.1007/I1		CN	CONNECTOR INCLUDING REDUCED CROSSTALK SPRING INSERT	200610100352.X	6/30/06		
2316.1011/I2		CN	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	00805884.9	2/16/00	ZL00805884.9	6/29/05
2316.1011/I2		CN	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	200410085552.3	2/16/00	200410085552.3	6/11/08
2316.1011/I2		CN	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	200410085553.8	2/16/00	04100855538	4/25/07
2316.1011/I4		CN	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	00809979.0	5/25/00	CN 100397129C	6/25/08
2316.1011/I4		CN	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	200810095879.7	5/6/08	ZL 200810095879.7	11/16/11
2316.1011/I4		CN	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	201010128179.0	2/12/10	ZL 201010128179.0	8/8/12
2316.1011/I5		CN	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	01803163.3	11/19/01	01803163.3	12/20/06
2316.1066/I1		CN	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	01817166.4	8/22/01	ZL01817166.4	8/24/05
2316.1066/I1		CN	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	200510009484.7	8/22/01	200510009484.7	6/4/08
2316.1066/I1		CN	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	200510009489.X	8/22/01	200510009489.X	6/4/08
2316.1403/01		CN	CABLE CLIP WITH SEGREGATOR AND METHOD	02806550.6	3/13/02	ZL 02806550.6	4/9/08
2316.1687/I1		CN	COUPLER FOR CABLE TROUGH	03807058.8	3/21/03	ZL 03807058.8	10/14/09
2316.1687/I1		CN	COUPLER FOR CABLE TROUGH	2003807058.8	3/21/03	ZL 2003807058.8	10/14/09
2316.1834/I1		CN	PATCH PANEL WITH MODULES	200580017625.8	3/2/05	ZL 200580017625.8	3/17/10
2316.1838/P2		CN	FIBER ACCESS TERMINAL	200580014709.6	3/8/05		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1838/P2		CN	FIBER ACCESS TERMINAL	200910127708.2	3/19/09		
2316.1890/I1		CN	METHODS AND SYSTEMS FOR POSITIONING CONNECTORS TO MINIMIZE ALIEN CROSSTALK	200580011875.0	2/18/05		
2316.1910/WO		CN	Communication wire	03822803.3	9/8/03	ZL 03822803.3	3/26/08
2316.1910/WO		CN	Communication wire	200810000241.0	1/24/08		
2316.2295/I1		CN	SYSTEMS AND METHODS OF FIBER DISTRIBUTION AND MANAGEMENT	200480040571.2	11/17/04	ZL 200480040571.2	2/10/10
2316.2295/I1		CN	Frame for Optical Fiber Distribution and Management, and Associated Methods	200910266077.2	12/31/09	ZL 200910266077.2	9/24/14
2316.2298/U1		CN	FIBER DROP TERMINAL	200580045821.6	11/2/05	ZL 200580045821.6	10/27/10
2316.2298/U1		CN	FIBER DROP TERMINAL	201010265943.9	8/26/10		
2316.2299/P2		CN	LOOPBACK PLUG AND METHOD	200680012929.X	4/19/06	ZL 200680012929.X	10/13/10
2316.2299/P2		CN	LOOPBACK PLUG AND METHOD	201010154874.4	3/30/10		
2316.2316/U3		CN	FIBER OPTIC CABLE BREAKOUT CONFIGURATION WITH "Y" BLOCK		3/6/07		
2316.2336/01		CN	FIBER DISTRIBUTION HUB WITH SWING FRAME AND MODULAR TERMINATION PANELS	200780005223.5	2/7/07	ZL 200780005223.5	4/25/12
2316.2336/P1		CN	FIBER DISTRIBUTION HUB WITH OUTSIDE ACCESSIBLE GROUNDING TERMINALS	200780005187.2	2/7/07	ZL 200780005187.2	11/14/12
2316.2467/01		CN	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	200780047994.0	11/28/07	ZL 200780047994.0	10/10/12
2316.2467/I1		CN	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	200780048056.2	11/28/07	ZL 200780048056.2	7/6/11
2316.2584/P1		CN	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	200880022979.5	5/6/08	ZL 200880022979.5	2/19/14
2316.2584/P1		CN	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	201310611163.9	11/26/13		
2316.2584/P2		CN	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	200880107068.2	8/5/08	ZL 200880107068.2	1/2/13
2316.2584/P2		CN	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	201410014253.4	1/13/14		
2316.2584/P2		CN	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	201210470760.X	11/20/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2584/P4		CN	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	200880105544.7	9/4/08	ZL 200880105544.7	11/28/12
2316.3561CNWO	NT-00354	CN	Flexible Lensed Optical Interconnect Device for Signal Distribution	201280055421.3	9/7/12		
2316.3562CNWO	NT-00355	CN	Bend-Limited Flexible Optical Interconnect Device for Signal Distribution	201280055424.7	9/7/12		
2316.3845CNWO	18204	CN	Method and Apparatus for Providing Out of Band Communications Over Structured Cabling	200580047480.6	11/29/05	ZL200580047480.6	7/16/14
2316.3846CN01	E-TO-00178	CN	A Coupler for Interconnecting Electrical Connectors	200910138748.7	2/9/09	ZL200910138748.7	8/6/14
2316.3875CND1	NT-00338	CN	Switch Rack System	201510367927.3	6/29/15		
5487-136CN DIV	NC066	CN	Connector Assembly for Use with Connector Plug and Forming Method Thereof	200710109898.6	3/13/03	ZL200710109898.6	6/16/10
P12.435CN	10-002	CN	Holder for at least one cassette	201080062885.8	11/2/10		
P12.482CN/10-008CN	10-008	CN	Connecting box for glass fiber cables	201180012609.5	1/10/11		
16121		CN	WIRE CONNECTING SYSTEM	96195328.4	4/4/96	ZL96195328.4	2/27/02
16194		CN	PATCH CARD ASSEMBLY	96196324.7	6/27/96	ZL96196324.7	1/1/03
16679		CN	ELECTRICAL CONNECTOR WITH PAIRED TERMINALS	97198301.1	9/25/97	ZL97198301.1	10/29/03
16012		CN	DIVERGENT LOAD BAR	01103453.X	2/9/01	ZL01103453.X	8/11/04
16012		CN	DIVERGENT LOAD BAR	95197114.X	9/8/95	ZL95197114.X	12/26/01
15618		CN	ELECTRICAL CONNECTOR WITH SLOTTED BEAM CONTACT	95100153.1	1/20/95	95100153.1	5/20/98
14305		CN	CYLINDRICAL INSULATION DISPLACING CONNECTOR	90104879.8	7/27/90	90104879.8	1/16/95
15030		CN	PROTECTOR MOUDULE FOR TELEPHONE LINE JUNCTION BOX AND METHOD	93104077.9	4/2/93		
15396		CN	IMPROVED SHIELDED ELECTRICAL CONNECTOR	93117353.1	9/7/93	ZL93117353.1	2/10/01
15496		CN	MODULE FOR TELEPHONE LINE CONDUCTOR PAIR HAVING SINGLE PROTECTOR UNIT	94104912.4	5/6/94	45354	2/27/99
15526		CN	COMMUNICATIONS CONNECTOR TERMINAL ARRAYS HAVING NOISE CANCELLING CAPABILITIES	94108188.5	7/6/94	46331	5/12/99
15544		CN	OVERMOLD STRAIN RELIEF AND SNAG PREVENTION FEATURE	95195197.1	7/14/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
15672		CN	AUTOMATIC TOOL FOR MICRO-CONNECTOR	94108266.0	7/6/94	94108266.0	5/20/98
15696		CN	INTERCONNECT ASSEMBLY FOR OPTICAL FIBER PLUGS	94116123.4	9/15/94	94116123.4	2/28/98
15700		CN	NETWORK INTERFACE DEVICE MODULE PROVIDING SEALED CUSTOMER ACCESSIBLE TEST PORT	95192716.7	2/13/95	ZL95192716.7	5/1/02
15780		CN	CAPTIVATED FIBER OPTIC CONNECTOR	95102161.3	2/22/95		
15872		CN	AN ELECTRICAL CONNECTOR AND AN ASSOCIATED METHOD FOR COMPENSATING FOR CROSSTALK BETWEEN A PLURALITY OF CONDUCTORS	96197312.9	4/4/96	ZL96197312.9	12/11/02
15926		CN	OVERMOLDED FIBER OPTIC CONNECTOR FERRULE CAPILLARY HAVING OCTAGONAL COLLAR	96192815.8	2/29/96	ZL96192815.8	4/9/03
16184		CN	STRAIN RELIEVING HOLDER FOR OPTICAL FIBER CABLE	96194245.2	5/15/96		
17243		CN	MODULAR PLUG HAVING A CIRCUIT BOARD	99215601.7	6/30/99	420355	11/4/00
17324		CN	TERMINATING WIRE CARRIER MODULE	99108857.3	6/28/99	ZL99108857.3	1/14/04
40057		CN	SHIELDED DATA CONNECTOR	93101765.3	2/23/93	65192	12/1/00
40108		CN	DATA COMMUNICATION OUTLET KIT	94104839.X	4/28/94	ZL94104839.X	11/7/01
40256		CN	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	95120220.0	12/5/95	ZL95120220.0	1/29/03
40363		CN	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	96193849.8	5/14/96	ZL96193849.8	4/6/03
40377		CN	WIRE CUTTING ELECTRICAL CONNECTOR HAVING TEST PROBE ACCESS	96194188.X	5/22/96	ZL96194188.X	3/23/01
40427		CN	SEALED SPLICING CONNECTOR				
51082		CN	OPTICAL FIBER RECEIVING CASE, CASE RECEIVING BODY AND RECEIVING CASE ASSEMBLY	98106268.7	3/3/98		
NT-00430		CN	XDSL Splitter	201530202726.9	6/18/15		
NT-00430		CN	Voice Splitter	201520424509.9	6/18/15		
TO-00559		CN	Cable Management System including Splitter/Filter Tray	201380036752.7	7/4/13		
WR140		CN	Mechanical Radi Seal	91109053.3	9/13/91	91109053.3	9/26/98
WR151		CN		92115362.7	12/21/92		
WR159		CN	Uteic With Ports For In-Line Or Butt Connection	94191449.6	2/23/94		
WR160		CN	Catv Splitter With Variable Attenuation	94190906.9	1/6/94	ZL94190906.9	9/20/97
WR164		CN	Uteic Cable Gripper With Self-Centring	94190865.8	1/6/94		
WR165		CN	Catv Box For In-Line/Butt Connection	94193172.2	8/23/94		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR166		CN	Shaped Silicone Rubber Seal For Uteic Closure	94193555.8	8/23/94		
WR168		CN					
WR171		CN	Catv Tap With Switch	95195484.9	9/26/95		
WR172		CN	Catv Tap With Power Tap-Off	95195483.0	9/26/95		
100.0414		CO	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	00095312	12/14/00		
2316.0172		CO	OPTICAL SWITCH	300,873	4/11/89	24,078	6/26/92
2316.0942		CO	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	99-035373	6/4/99		
2316.1017		CO	CABLE MANAGEMENT RACK FOR TELECOMMUNICATION CROSS-CONNECT SYSTEMS	00-09266	2/18/00		
2316.3328		CO	Cable Anchoring System for a Fiber Optic Enclosure	14-258536	5/2/13		
2316.3395		CO	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	14205405	2/20/13		
2316.3528		CO	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES				
2316.3606		CO	Distributed Split Configuration for Multi-Dwelling Unit				
2316.3607		CO	FIELD INSTALLED CONNECTOR HOUSING ASSEMBLY				
	NC029	CO	Non-Interrupt Bypass Switch For RF Circuits	98-000803	1/9/98		
	NC030	CO	RF Chokes Comprising Parallel Coupled Inductors				
	MP1492	CO	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	95012883	3/30/95		
	81-135	CO	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	215.026	8/18/82	22743	4/11/89
	83-140	CO	A cable distribution head	228.885	1/30/84	11819	12/28/90
	84-147	CO	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	235.158	7/27/84	9013	10/22/90
	84-147	CO	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables		7/27/84		
	86-019	CO	Connector bank for cable wires, in particular for telephone cables	269.474	4/24/87	22.527	5/16/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	86-064	CO	A casing, particulary a junction-box casing for telecommunications engineering		5/20/87		
	86-066	CO	Cutting/clamping terminal element for electrical conductors	277.559	10/23/87	22.889	10/22/90
	86-069	CO	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	279.168	12/2/87	22885	10/26/90
	86-069	CO	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems		12/2/87	022885	
	87-075	CO	Connector bank for telecommunication devices	288.959	6/8/88	22.876	12/28/90
	87-077	CO	Device for holding connector banks in telecommunication systems	287.499	3/10/88	22.877	
	88-088	CO	Protective plug for connector or disconnector banks	297.898	2/3/89	23.657	12/12/91
	88-095	CO	Contact member of electrical conductors	303.714	6/7/89	23.256	6/11/91
	89-010	CO	Wire connector for cable wires, in particular of telecommunication cables	328.580	9/10/90	024.247	2/17/94
	90-006	CO	Connecting block for the telecommunication and data technology	335.915	2/6/91	024258	3/2/94
	90-011	CO	Terminal block for telecommunications systems	327.646	8/23/90	024.244	2/17/94
	90-012	CO	Cutting Clamping Contact	341.424	5/17/91	024.262	3/9/94
	90-015	CO	Protective circuit and protective device plug for telecommunication installations	344.106	7/16/91	24.393	6/1/94
	91-014	CO	Cutting and clamping sleeve contact	364.231	7/28/92	24556	8/22/94
	93-020	CO	Termination module	94015603	4/18/94	25651	6/5/98
	94-007	CO	Insulation displacement contact element	94.052.225	11/16/94	25.296	4/8/97
	95-012	CO	Distribution device for telecommunications and data technique	96.047.149	9/4/96	26.441	6/30/99
	95-013	CO	Termination device for the telecommunication and data technique	96.051.375	9/26/96		
	95-016	CO	Terminal block for high transmission rates	96.041.635	8/6/96	26.442	9/30/99
	95-019	CO	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96.047.150	9/4/96		
	96-001	CO	Electronic access control and security system	97007792	2/14/97		
	96-002	CO	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97007791	2/14/97		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-005	CO	Management-capable splice cassette	97007790	2/14/97	26792	2/21/01
	96-013	CO	Connecting terminal	97039499	7/14/97		
	96-020	CO	Terminal, isolating or connecting strip	97071822	12/9/97	27559	4/11/03
	97-002	CO	Outdoor housing	98008989	2/19/98		
	97-003	CO	Protection Plug	98008990	2/19/98	27467	1/31/03
	97-012	CO	Distribution block for telecommunication and data technology	98012755	3/9/98		
	97-013	CO	Stationary housing with wall elements made of plastic	98012756	3/9/98		
	97-016	CO	Overvoltage protection module	98024288	5/4/98		
	97-018	CO	Overvoltage protection plug with fail-safe device	98024287	5/4/98		
	97-023	CO	Method for designing a telecommunications and data network	98046890	8/18/98		
	99-013	CO	Interconnection device for telephone/data lines with tool less wire termination and easy disconnection for testing	00054158	7/18/00		
	99-016	CO	STC-Module	00086845	11/15/00		
	MP1064	CO	Optical Fiber Distribution Network	258004	7/7/86		
	MP1511	CO	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	95020660	5/15/95		
	MP1514	CO	Environmental Protection Device With Manually Operated Latch Mechanism	95022449	5/25/95	25452	10/9/97
	MP1621	CO	Sealed Coaxial Cable Connector	98-016985	3/26/98		
	NC004	CO	Telecommunications Terminal Block	369251	10/15/92		
	NC011	CO	Telecommunications Network Interface Assembly	386130	5/11/93		
	NC016	CO	Fiber Optic Splice Closure And Associated Methods				
	NC024	CO	Splice Closure For Buried Telecommunications Cables	96-052993	10/4/96		
	NC025	CO	Protected Telecommunications Terminal	95-035010	8/4/95		
100.0070/01		CO	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	97003.405	1/24/97		
2316.1011/I2		CO	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	00013554	2/25/00		
2316.1011/I2		CO	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	00041556	6/2/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1011/l4		CO	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	01-033985	5/2/01		
TO-00559		CO	Cable Management System including Splitter/Filter Tray	15-004825	7/4/13		
2316.0942		CR	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	1,532,390	6/1/99		
	86-064	CR	A casing, particulary a junction-box casing for telecommunications engineering	4289	8/1/88		
	87-077	CR	Device for holding connector banks in telecommunication systems	4332	4/26/89		
	90-012	CR	Cutting Clamping Contact	5069	1/19/95		
	90-015	CR	Protective circuit and protective device plug for telecommunication installations		9/14/93	2489	5/3/95
	91-014	CR	Cutting and clamping sleeve contact		1/12/94		
	87-077	CU	Device for holding connector banks in telecommunication systems	143/88	9/19/88	22069	4/28/92
	90-006	CU	Connecting block for the telecommunication and data technology	34/91	3/7/91	22162	6/2/93
	90-012	CU	Cutting Clamping Contact	101/91	5/22/91	22328	11/8/94
	90-015	CU	Protective circuit and protective device plug for telecommunication installations	147/91	8/14/91		
	91-014	CU	Cutting and clamping sleeve contact	92/92	8/10/92	22182	10/1/93
	96-002	CU	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	115/97	10/20/97	22591	8/27/99
	96-002	CU	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	116/97	10/20/97	22592	8/27/99
	96-002	CU	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	16/97	2/3/97	22566	4/30/99
	96-020	CU	Terminal, isolating or connecting strip	138/97	12/8/97	22593	8/27/99
	98-024	CU	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	99-016	CU	STC-Module	PCT/EP00/10882	11/4/00		
2316.0786		CY	FIBER CONNECTOR AND ADAPTER	03004353.3	5/14/98	1331496	1/4/06
	09-011	CY	Terminal strip	10712336.6	3/26/10	2441128	3/12/14
	00-001	CY	Shielding device for terminal blocks	00126936.4	12/8/00	1117158	2/13/08
	00-002	CY	Compensation device for an electrical connector	01101324.0	1/20/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-008	CY	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01		
	00-004	CY	Duplex connector for fiber clips	PCT/EP01/03233	3/21/01	1275022	6/18/08
	00-009	CY	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	01-004	CY	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	00-013	CY	Connection module	01117086.7	7/13/01		
	01-005	CY	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	00-018	CY	Plastic patch panel	01985780.4	9/24/01		
	03-003	CY	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-006	CY	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	04-014	CY	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	CY	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	97-032	CY	Patch Panel with retractable patch cord	98123266.3	12/7/98		
	99-009	CY	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-014	CY	Frontpanel for LWL-modules	00115726.2-2205	7/21/00		
	99-006	CY	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07
	00-012	CY	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-015	CY	Electrical Connector	01956564.7-2217	7/26/01		
	00-017	CY	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05
	00-019	CY	Optical Fibre Connection Housing	01982343.4-1524	9/24/01		
	03-013	CY	Construction kit for distribution cabinets	04006018.8	3/12/04		
	03-012	CY	Slipover distribution cabinet	04713893.8	2/24/04	1597804	1/17/07
	03-001	CY	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	04-012	CY	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	06-010	CY	Connector Block	07786141.7	7/18/07	2044654	1/6/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-020	CY	Distribution cabinet	01919316.8-2214	2/20/01	1264522	8/17/05
	96-020	CY	Terminal, isolating or connecting strip	CY01/00042	12/5/97	CY2250	7/4/03
	97-028	CY	Apparatus for connecting cable cores	98119013.5	10/8/98		
	97-030	CY	High Frequency Cable	98964444.8	11/27/98		
	98-013	CY	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-023	CY	Electrical Connector	99112489.2	7/1/99		
	98-024	CY	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	99-001	CY	Connection element for cable conductor	99121852.0	11/4/99	1018786	9/19/01
	99-002	CY	Surge arrester mounting unit for telecommunications and data systems equipment	99121037.8	10/21/99		
	99-004	CY	Overvoltage protection element	99125286.7	12/18/99		
	99-007	CY	Connector element with closure device	00916921.0	3/10/00		
	99-010	CY	Traction relief device for a wire	00110099.9	5/13/00		
	99-017	CY	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	99-018	CY	Electrical Connector	00124720.4	11/13/00		
	99-019	CY	Distribution cabinet	99121185.5	10/22/99	1047167	9/17/03
	ITRACS001	CY	A System for Monitoring Connection Pattern of Data Ports	00919250	4/5/00	1173811	9/13/06
	ITRACS001	CY	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
100.0061		CZ	MULTI-POINT TO POINT COMMUNICATION SYSTEM	PV 2487-97	2/6/96	289,894	2/21/02
2316.0372		CZ	MINIATURE COAX JACK MODULE	PV237194	7/14/92	282,259	9/19/97
2316.1744		CZ	HIGH DENSITY PANEL WITH ROTATING TRAY	03752606.8	9/26/03	1557048	3/20/11
2316.1780		CZ	FIBER CONTAINMENT SYSTEM	04753765.9	5/28/04	1632116	5/25/11
2316.1912		CZ	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	05 826 135.5	11/2/05	1808028	5/14/08
2316.2171		CZ	CRIMPED CENTER CONDUCTOR	06816358.3	10/11/06	1949708	6/2/10
2316.2306		CZ	HIGH DENSITY COAXIAL JACK	07755657.9	4/19/07	2011191	9/28/11
	03-010	CZ	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	09-011	CZ	Terminal strip	10712336.6	3/26/10	2441128	3/12/14
	00-015	CZ	Electrical Connector	PV2003-448	7/26/01	301312	12/2/09
	00-017	CZ	Coupling device for glass fiber connectors	PV 2003-852	9/21/01		
	03-013	CZ	Construction kit for distribution cabinets	04006018.8	3/12/04	1458073	1/3/07
	00-018	CZ	Plastic patch panel	01985780.4	9/24/01	1322981	7/14/04
	03-003	CZ	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-005	CZ	Conductor connection module for printed circuit boards	04740236.7-2214	6/24/04	1649549	11/2/06
	03-006	CZ	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	04-004	CZ	Connection module for telecommunications and data technology	05776552.1	8/30/05	1787481	5/27/09
	04-012	CZ	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	CZ	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	CZ	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-004	CZ	Press-fit-connector	07724602.3	4/26/07	2018682	7/28/10
	06-010	CZ	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	03-004	CZ	Glass-fiber coupler module	04723539.5	3/26/04	1613993	12/5/07
	00-004	CZ	Duplex connector for fiber clips	PCT/EP01/03233	3/21/01	1275022	6/18/08
	00-012	CZ	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	02-004	CZ	Device for an optical-fiber connection	03727357.0-1234	4/25/03	1502142	6/28/06
	02-003	CZ	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	03-012	CZ	Slipover distribution cabinet	04713893.8	2/24/04	1597804	1/17/07
	03-001	CZ	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	90-009	CZ	Device for displaying announcements, in particular prices in numerical form	PV 927-91	4/4/91	281915	2/4/97
	90-011	CZ	Terminal block for telecommunications systems	PV1329-91	5/7/91	279938	6/19/95
	91-022	CZ	Switching assembly for glass fibre cables of the telecommunication and data technology	PV3003-92	10/1/92	282072	3/6/97
	91-030	CZ	Cable Sleeve	5082077.07			12/6/92

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-013	CZ	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	PV1539-93	7/29/93	279214	11/25/94
	92-014	CZ	Split flap display device	PV1564 93	8/3/93		
	92-019	CZ	Method for elctronically labelling articel	PV2397-93	11/10/93	280995	3/28/96
	93-023	CZ	Connection block for high speed transmission in the telecommunication and data system	PV1801-94	7/26/94	288818	7/16/01
	93-030	CZ	Terminal block	PV2321-94	9/22/94	280363	10/31/95
	93-037	CZ	Local ISDN radio transmission system	PV 0334-96	7/28/94		
	93-040	CZ	Process for reducing the tearability of a thermally shrinkable web	PV 965-94			
	94-026	CZ	Flip-over Display Module	PV2065-95	8/10/95		
	94-031	CZ	Protection plug	PV2472-95	9/22/95	287054	6/21/00
	94-039	CZ	Charge detection in a telephone network	PV 740-96	7/12/95		
	95-002	CZ		PV415-96	2/13/96		
	95-012	CZ	Distribution device for telecommunications and data technique	PV 2842-96	9/26/96	287628	11/6/00
	95-013	CZ	Termination device for the telecommunication and data technique	PV 2783-96	9/23/96		
	95-016	CZ	Terminal block for high transmission rates	PV 2769-96	9/20/96	287361	9/5/00
	95-019	CZ	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	PV 2843-96	9/26/96		
	96-002	CZ	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	PV 716-97	3/10/97	292 485	8/6/03
	96-011	CZ	High density high performance connector	PV1474-97	5/14/97	288281	3/22/01
	96-013	CZ	Connecting terminal	PV3263-97	10/14/97		
	96-018	CZ	Clamping device	PV3662-97	11/19/97	289094	9/3/01
	96-019	CZ	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	PV3804-97	12/1/97	291676	2/28/03
	96-020	CZ	Terminal, isolating or connecting strip	PV3873-97	12/4/97	294009	7/14/04
	97-002	CZ	Outdoor housing	PV635-98	3/3/98		
	97-003	CZ	Protection Plug	PV597-98	2/27/98	295360	5/24/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	97-008	CZ	Arrangement of contact pairs for compensation of near-end crosstalk	PV622-98	3/2/98		
	97-012	CZ	Distribution block for telecommunication and data technology	PV694-98	3/9/98		
	97-013	CZ	Stationary housing with wall elements made of plastic	PV734-98	3/11/98		
	97-016	CZ	Overvoltage protection module	PV1434-98	5/7/98		
	97-018	CZ	Overvoltage protection plug with fail-safe device	PV1655-98	5/28/98		
	98-002	CZ	Support body for an electrical contact arrangement	PV2000-2100	1/21/99		
	98-013	CZ	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	PV2000-4283	5/12/99	299826	10/24/08
	98-022	CZ	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-024	CZ	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-025	CZ	Shielding device for connection strips in telecommunications and data engineering	PV2001-1788	10/14/99		
	99-006	CZ	Device for mounting terminal strips for telecommunication, control power and data technology	PV2001-3292	2/29/00	297104	8/2/06
	99-017	CZ	Connecting cable with an electrical plug connection	PV2002-1907	11/16/00	301309	11/26/09
	MP1431	CZ	Hybrid Fiber In The Loop Telephony System	PV2060-94	2/22/93		
	MP1511	CZ	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	PV3479/96	5/30/95		
	MP1514	CZ	Environmental Protection Device With Manually Operated Latch Mechanism	PV3493-96	5/17/95		
	NC019	CZ	Telecommunications Terminal		2/7/95		
02316.3998CZWO	MP1492	CZ	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	PV2964-96	4/6/95		
02316.3999CZW2	MP1374C	CZ	Gel Filled Modular Electrical Connecting Block	PV1838/95	1/12/94		
2316.1838/P2		CZ	FIBER ACCESS TERMINAL	05728278.2	3/8/05	1730564	11/11/09
2316.2298/U1		CZ	OPTICAL FIBER DROP TERMINAL	10178297.7	11/2/05	2259115	7/31/13
15672		CZ	AUTOMATIC TOOL FOR MICRO-CONNECTOR	PV1615-94	7/4/94		
WR148		CZ	Hand Operated Multiple Wire Connector With Guide Slots				
WR155		CZ	Silicone Rubber Seal For Box	251-95	8/11/93		
WR165		CZ	Catv Box For In-Line/Butt Connection	566/96	8/23/94		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR166		CZ	Shaped Silicone Rubber Seal For Uteic Closure	480-96	8/23/94		
WR168		CZ					
WR171		CZ	Catv Tap With Switch	PV983-97	9/26/95		
	83-040	DD	A terminal strip	261681-0	4/5/84	217374	1/9/85
	85-013	DD		2799550	8/26/85	240449	10/29/86
	86-001	DD		2928062	7/23/86	251413	11/11/87
	86-002	DD		2868041	2/5/86	245963	5/20/87
	87-077	DD	Device for holding connector banks in telecommunication systems	3189534	8/15/88	274314	12/13/89
	88-088	DD	Protective plug for connector or disconnector banks	325224 5	1/25/89	278895	
	88-095	DD	Contact member of electrical conductors	332765 8	9/18/89	284782	11/21/90
	MP1064	DD	Optical Fiber Distribution Network	292359-7	7/10/86		
WR008		DD	Apparatus For Solderless Splicing			107362	
40.1620		DE	PATCH MODULE	XX	6/25/82	P3273328.3	6/25/82
100.0019		DE	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	01950794.6	7/3/01	1303929	10/12/11
100.0051		DE	PERFORMANCE MONITORING AND FAILURE ISOLATION IN A POINT-TO-MULTIPOINT COMMUNICATION NETWORK	94902250.3	11/15/93	0 702 870	9/1/99
100.0057		DE	CONTROL AND COMMUNICATIONS APPARATUS	69431914.7-08	10/4/94	0 722 638	12/18/02
100.0058		DE	HYBRID FIBER/COAX VIDEO AND TELEPHONY COMMUNICATION SYSTEM	95933845.0	9/19/95	695 13 534.	11/24/99
100.0157		DE	HIGH FREQUENCY AMPLIFICATION CIRCUIT	01981470.6	10/10/01	1325556	4/8/09
100.0181		DE	CIRCUIT ARRANGEMENT FOR REDUCING PASSBAND RIPPLE OF A BANDPASS FILTER	99902107.4	1/19/99	69911170.6	9/10/03
100.0376		DE	METHOD AND APPARATUS FOR FREQUENCY AGILITY IN A COMMUNICATION SYSTEM	96908853.3	3/18/96	0 815 694	10/11/00
100.0381		DE	METHOD AND APPARATUS FOR DETECTING THE COLLISION OF DATA PACKETS	85901239.5	2/14/85	P3585974.1-	2/14/85
100.0451		DE	DISTRIBUTED DIGITAL SIGNAL SUMMATION AND GAIN CONTROL	03796586.0	12/3/03	1570687	10/9/13
100.0452		DE	DISTRIBUTED DIGITAL ANTENNA SYSTEM	03790242.6	12/3/03	1570626	10/6/13
100.0515		DE	CONNECTION ARRANGEMENT	95306986.1	10/3/95		
100.0629		DE	RETROREFLECTIVE SHEETING MATERIAL, A METHOD OF ITS PRODUCTION AND ITS USE	94 928 772.6	10/4/94	0 724 740	3/24/99

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0682		DE	TUBULAR MEMBRANE VENT	06801714.4	8/17/06	1928759	10/10/12
100.0707		DE	PROVIDING WIRELESS COVERAGE INTO SUBSTANTIALLY CLOSED ENVIRONMENTS	06772594.5	6/8/06	602006034773.1	2/27/13
100.0729		DE	Centrally located equipment for wireless telephone system	99934392.4	2/19/99	1080594	7/27/05
100.0755		DE	Multi-Protocol Distributed Wireless System Architecture	01920800.8	3/27/01	60139116.0	7/1/09
100.0755		DE	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	09162278.7	3/27/01	60147611.5	1/16/13
100.0755		DE	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	11168006.2	3/27/01	60147352.3	11/7/12
100.0759		DE	BLOSSOM/WILT OR DYNAMIC REALLOCATION IN A DISTRIBUTED FIBER SYSTEM	00303365.1	4/20/00	1047276	6/22/05
100.0763		DE	Operations and Maintenance Architecture for Multiprotocol Distributed System	01929028.7	3/29/01	1269691	12/26/07
100.0788		DE	SYSTEMS AND METHODS FOR ANALOG TRANSPORT OF RF VOICE/DATA COMMUNICATIONS	602007003018.8	4/10/07	2025179	10/28/09
100.0922		DE	Method and system for distributing multiband wireless communications signals	02394013.3	1/24/02	1227605	1/2/08
100.0937		DE	Distribution of radio-frequency signals through low bandwidth infrastructures	97922450.8	4/18/97	69727664.3	2/18/04
100.0968		DE	Self-contained masthead units for cellular communication networks	98953787.3	10/21/98	69806405.4	7/3/02
100.0972		DE	Cellular base station with intelligent call routing	96913256.2	4/29/96	0 824 836	7/11/01
100.1059		DE	Method and Device for Local Linking of Optical and Acoustic Signals	19542147	11/11/95		
100.1060		DE	METHOD AND DEVICE FOR TUNING THE WAVELENGTH OF AN OPTOELECTRONIC COMPONENT ARRANGEMENT	980965648	10/21/98	598 01 597.3-08	9/26/01
100.1141		DE	DISTRIBUTED DIGITAL REFERENCE CLOCK	11813094.7	7/27/11	2599240	12/17/14
100.1147		DE	Method for Synchronizing the Wavelengths of an Arrangement of Optoelectronic Components	19755453	1/12/97		
100.1147		DE	Method for Synchronizing the Wavelengths of an Arrangement of Optoelectronic Components	980963448.0	11/12/98	598 11 241.3-08	4/21/04
100.1150		DE	Wavelength tunable Optoelectronic Apparatus	19708385	3/1/97		
100.1150		DE	Wavelength tunable Optoelectronic Apparatus	98906845.7	1/26/98	598 04 519.8-08	6/19/02
100.1151		DE	Electro-Optical Material Having a Lamellar Liquid Crystal Structure	196 24 769.1-43	6/21/96		
100.1152		DE	Generator for Producing a High Frequency, Low Noise Signal	19721660	5/23/97		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1152		DE	Generator for Producing a High Frequency, Low Noise Signal	970925866	5/23/97	597 01 472.8-08	4/19/00
100.1152		DE	Generator for Producing a High Frequency, Low Noise Signal	19975001472	5/23/97	59701472DD1	5/25/00
100.1154		DE	OPTOELECTRIC MULTI-WAVELENGTH CONSTRUCTION ELEMENT	P4432410.3-51	8/31/94	44 32 410	6/21/07
100.1155		DE	METHOD FOR THE OPTIMUM UTILIZATION OF BASE MATERIAL IN THE MANUFACTURE OF OPTOELECTRONIC COMPONENTS WITH VARIABLE-PERIOD GRATING	960100723	1/19/96	596 11 345.5-08	5/10/06
100.1155		DE	METHOD FOR THE OPTIMUM UTILIZATION OF BASE MATERIAL IN THE MANUFACTURE OF OPTOELECTRONIC COMPONENTS WITH VARIABLE-PERIOD GRATING	195 20 819.6	5/30/95		
100.1156		DE	Method for Manufacturing a Calibrated Scale in the Nanometer Range for Technical devices Used for the high Resolution of ultrahigh Resolution Imaging of Structures and Such Scale	196 04 348.4-09	2/7/96	196 04 348.4-09	10/23/03
100.1157		DE	Photon Detector and Method of Manufacturing	19720926	5/20/97		
100.1157		DE	Photon Detector and Method of Manufacturing	970924964	5/21/97	597 06 190.4-08	1/23/02
100.1158		DE	Optoelectronic Component with Axial Grating Period Modulation for e.g. Semiconductor Laser	19500136.2	1/4/95		
100.1171		DE	OPTOELECTRONIC SEMICONDUCTOR LASER APPARATUS FOR USE AS A SEMICONDUCTOR LASER, AMPLIFIER, COUPLER	P 44 20 389.6-54	5/31/94	P4420389.6	5/3/07
1010.2676		DE	Multiswitch for Testing Individual Optical Fibers contained within Bundle	19526442	7/20/95		
1010.2683		DE	Optoelectronic Component	19717545	4/25/97		
1010.8188		DE	Cordless Telephone For Data Transfer	196 41 755.4-9	10/10/96		
2316.0015		DE	ELECTRICAL CONNECTOR MODULE	82110474.2	11/12/82	P3277162.2	11/12/82
2316.0019		DE	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSING	85850253.7	8/1/85	P35810931.6	2/27/91
2316.0024		DE	ELECTRICAL JACK	85850121.6	4/4/85		
2316.0038		DE	ELECTRICAL JACK FRAME	81101655.9	3/6/81	0 035 776	7/24/85
2316.0041		DE	ELECTRICAL CONNECTOR APPARATUS	85850356.8	11/5/85	P3587104.0	2/17/93
2316.0056		DE	ELECTRICAL CONNECTOR APPARATUS	85850355.0	11/5/85	3581889.1	
2316.0095		DE	JACK DEVICE	86309708.5	12/12/86	P3650244.8	2/22/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0113		DE	TERMINAL ASSEMBLY	87101289.4	1/30/87	0 233 527	11/13/91
2316.0123		DE	OPTICAL FIBER DISTRIBUTION APPARATUS	86307114.8	9/16/86		
2316.0156		DE	MONOLITHIC FIBER OPTIC COUPLER HAVING TOTAL INTERNAL REFLECTING SURFACE	P3316236.9-52	5/4/83		
2316.0172		DE	OPTICAL SWITCH	P3914952.8	5/6/89		
2316.0300		DE	PLUG-IN JACK CARD FOR NORMALLY CLOSED CONTACTS	91402605.9	9/30/91	P69121060.8	7/24/96
2316.0372		DE	MINIATURE COAX JACK MODULE	92915879.8	7/14/92	69220244.7	6/4/97
2316.0372		DE	MINIATURE COAX JACK MODULE	96202654.8	7/14/92	0 755 095	11/2/00
2316.0393		DE	VARIABLE FIBER OPTICAL ATTENUATOR	92919711.9	8/28/92	69215897.9	12/11/96
2316.0454		DE	REAR CROSS-CONNECT DSX SYSTEM	94912250.1	3/17/94	69410269.5	5/13/98
2316.0458		DE	PATCH CORD	94906556.9	1/7/94	69402837.1	4/23/97
2316.0488		DE	HIGH-DENSITY FIBER DISTRIBUTION FRAME	95903533.8	11/16/94	69416330.9	1/27/99
2316.0488		DE	HIGH-DENSITY FIBER DISTRIBUTION FRAME	69432531.7-08	7/2/98	69432531.7	4/16/03
2316.0498		DE	JACK MODULE	694115819	5/24/94	0 725 988	7/8/98
2316.0691		DE	SWITCHING COAX JACK DEVICE	98913075.2	3/23/98	69805991.3	6/12/02
2316.0706		DE	AMPLIFIER SWITCH CONTROLLER AND SYSTEM	197821561	12/9/97		
2316.0753		DE	DSX MODULE WITH REMOVABLE JACK	98908667.3	2/23/98	69808052.1	4/24/03
2316.0777		DE	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	0972319	3/23/98	698055195	5/22/02
2316.0777		DE	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	01104552.3	3/5/01	1 120 866	10/15/03
2316.0786		DE	FIBER CONNECTOR AND ADAPTER	698 16 292.7	5/14/98	0 983 525	7/9/03
2316.0786		DE	FIBER CONNECTOR AND ADAPTER	698 33 060.9	2/28/03	1331496	1/4/06
2316.0786		DE	FIBER CONNECTOR AND ADAPTER	6993692.6-08	9/1/99	1114346	6/27/07
2316.0891		DE	REPAIRABLE CONNECTOR AND METHOD	02011684.4	1/5/99	1 246 316	3/31/04
2316.0891		DE	REPAIRABLE CONNECTOR AND METHOD	99901287.5	1/5/99	1 051 777	5/2/03
2316.0942		DE	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	99923237.4	5/20/99	69910204.9	8/6/03
2316.0960		DE	FIBER OPTIC MODULE	99944994.5	7/14/99	1112521	3/30/05
2316.0974		DE	FIBER OPTIC CABINET AND TRAY	69939120.2-08	8/25/99	1116062	7/16/08

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0988		DE	JACK ASSEMBLY	99960228.7	11/5/99	1145385	3/8/06
2316.1009		DE	DSX MODULE WITH REMOVABLE JACK	60002703.1-08	3/31/00	1 169 753	5/14/03
2316.1010		DE	MICROELECTROMECHANICAL OPTICAL SWITCH AND METHOD OF MANUFACTURE THEREOF	00962031.1	8/1/00	60015987.6-08	11/17/04
2316.1017		DE	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	60042818.4-08	2/10/00	1151620	8/26/09
2316.1021		DE	METHOD OF ETCHING A WAFER LAYER USING A SACRIFICIAL WALL AND STRUCTURE FORMED THEREBY	00962032.9	8/1/00	1221176	1/14/09
2316.1171		DE	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	01918654.3	3/14/01	1 273 081	1/17/07
2316.1220		DE	CABLE TROUGH WITH SEPARATE SIDE ELEMENTS	01973523.2	9/25/01	1323220	7/4/07
2316.1250		DE	CABLE EXIT TROUGH WITH INSERT	60127719.8-08	10/4/01	1356321	4/4/07
2316.1289		DE	LOW PROFILE CABLE EXIT TROUGH	01987552.5	10/29/01	60119172.2	4/26/06
2316.1481		DE	DSX JACK INCLUDING SLIDING REAR CONNECTOR	07000813.1	1/16/07	1793454	12/29/10
2316.1481		DE	DSX JACK INCLUDING SLIDING REAR CONNECTOR	02762071.5-1528	4/11/02	1391010	1/24/07
2316.1533		DE	GUIDE FOR FEMALE BNC CONNECTOR PART	19982628.5	1/29/99		
2316.1599		DE	FIBER TERMINATION BLOCK WITH ANGLED SLIDE	02782279.0	11/7/02	1446691	6/24/09
2316.1605		DE	FRONT ACCESS DSX ASSEMBLY	02780315.4	9/16/02	1437007	2/17/10
2316.1637		DE	TRIAXIAL CONNECTOR ADAPTER AND METHOD	03731947.2	1/16/03	1472762	3/18/09
2316.1692		DE	REAR ACCESS DSX SYSTEM	03809547.7	10/8/03	1557051	4/9/08
2316.1693		DE	HIGH DENSITY DSX SYSTEM	60322246.3-08	10/8/03	1557050	7/16/08
2316.1744		DE	HIGH DENSITY PANEL WITH ROTATING TRAY	03752606.8	9/26/03	1557048	3/20/11
2316.1747		DE	POWER DISTRIBUTION PANEL WITH MODULAR INSERTS	03790469.5	12/12/03	1579748	7/29/09
2316.1777		DE	COAXIAL MODULE WITH SURGE PROTECTOR	04712907.7	2/19/04	1600011	1/19/11
2316.1780		DE	FIBER CONTAINMENT SYSTEM	04753765.9	5/28/04	1632116	5/25/11
2316.1785		DE	TELECOMMUNICATIONS CONNECTION CABINET	04755793.9	6/18/04	1639840	1/25/12
2316.1787		DE	FIBER OPTIC CONNECTOR HOLDER AND METHOD	09011819.1	9/16/09	2138878	3/25/15
2316.1795		DE	TRIAXIAL BULKHEAD CONNECTOR	04780590.8	8/10/04	1661211	11/2/11
2316.1799		DE	COVER FOR CABLE TROUGH	602004046276.4	10/13/04	1680845	12/3/14

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1801		DE	FIBER OPTIC CABLE AND FURCATION MODULE	04809652.3	9/1/04	1664878	6/22/11
2316.1823		DE	SERVICE BLOCKER DEVICE AND METHOD	05853771.3	12/12/05	602005038391.	2/27/13
2316.1863		DE	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	05771738.1	6/13/05	1766452	8/4/10
2316.1863		DE	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	10183098.2	9/30/10	602005038719.6	3/20/13
2316.1889		DE	METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS	05713878.6	2/18/05	602005038070.1	2/6/13
2316.1891		DE	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	05713874.5	2/18/05	1728300	4/15/15
2316.1893		DE	High performance data cable	19983135.1	4/16/99		
2316.1894		DE	Tuned patch cable	00932775.0	5/25/00	1212758	8/13/08
2316.1912		DE	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	08008856.0	5/14/08	1962519	9/29/10
2316.1912		DE	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	05 826 135.5	11/2/05	1808028	5/14/08
2316.2109		DE	FIBER OPTIC CONNECTOR HOLDER	06788020.3	7/20/06	1913430	1/28/09
2316.2138		DE	OPTICAL FIBER PATCH PANEL	P68908291.6-08	6/27/89	0 349 290	8/11/93
2316.2143		DE	STACKABLE SPLICE CHIP DEVICE	06802138.5	8/22/06	1929348	10/12/11
2316.2171		DE	CRIMPED CENTER CONDUCTOR	06816358.3	10/11/06	1949708	6/2/10
2316.2306		DE	HIGH DENSITY COAXIAL JACK	07755657.9	4/19/07	2011191	9/28/11
2316.2329		DE	Connecting Hardware with Multi-Stage Inductive and Capacitive Crosstalk Compensation	07852669.6	10/11/07	2082458	6/3/15
2316.2378		DE	Telecommunications Jack with Crosstalk Compensation and Arrangements for Reducing Return Loss	07775101.4	4/10/07	602007028422.8	2/13/13
2316.2379		DE	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	07755200.8	4/10/07	2008345	6/23/10
2316.2379		DE	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	10163786.6	5/25/10	2216855	12/7/11
2316.2443		DE	Staggered Plastic Patch Panel with Upgrade features for conversion to Physical Layer Management	07839463.2	10/10/07	2078426	12/8/10
2316.2472		DE	MODULAR POWER DISTRIBUTION SYSTEM AND METHODS	07864621.3	11/20/07	602007037057.4	6/4/14
2316.2473		DE	FIBER OPTIC CONNECTOR MECHANICAL INTERFACE CONVERTER	08713473.0	1/3/08	2106562	3/11/15

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2666		DE	Improved Far End Crosstalk Compensation	09709848.7	2/12/09	2243200	9/5/12
2316.2700		DE	WAVELENGTH DIVISION MULTIPLEXING MODULE	09706377.0	1/29/09	602009018874.7	9/18/13
2316.3053		DE	OPTICAL FIBER INTERCONNECT CABINETS, TERMINATION MODULES AND FIBER CONNECTIVITY MANAGEMENT FOR THE SAME	04757733.3	3/16/04	1604239	10/26/11
	07-010	DE	Sleeve for optical waveguide cables	08715782.2-1524	2/15/08	2132589	8/3/11
	99-017	DE	Connecting cable with an electrical plug connection	00976033.1	11/16/00	50002024.8-08	5/2/03
	00-004	DE	Duplex connector for fiber clips	01938028.6	3/21/01	50114036.0-08	6/18/08
	00-009	DE	Connection module with overvoltage device	01957810.3	5/30/01	50113595.2-08	2/13/08
	00-018	DE	Plastic patch panel	01985780.4	9/24/01	50102862.5-08	7/14/04
	17904	DE	OPTICAL RIBER CONNECTOR THAT ALLOWS FOR CONTROL OF FERRULE R ADIAL ORIENTATION	03254946.1	8/8/03	60334962.5	11/17/10
	17968	DE	NETWORK CONNECTION SENSING MODULE	03768701.9	11/5/03	60330891.0	1/6/10
	18019	DE	ELECTRICAL COUPLER WITH SPLITTING RECEPTACLE JACK INTERFACES	04251258.2	3/4/04	602004028426.2	8/4/10
	03-004	DE	Glass-fiber coupler module	04723539.5	3/26/04	502004005653.9-08	12/5/07
	03-003	DE	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	502004004949.4-08	9/12/07
	03-010	DE	Distribution device for communications and data technology	04820393.9	11/12/04	502004011059.2-08	4/14/10
	04-014	DE	Cable connector for printed circuit boards	05801752.6	11/3/05	502005008691.0-08	12/9/09
	E-TO-00008	DE	Electrical Connector with Shielded Differential Contact Pairs	06752183.1	5/1/06	602006028192.7	3/14/12
	05-010	DE	Protective plug for distribution frame devices for telecommunications and data technology	06754344.7	6/13/06	502006010180.7	9/14/11
	05-013	DE	Mounting apparatus for line and plug-in connecting elements	06762987.3	8/4/06	502006012046.1	10/3/12
	06-009	DE	Connector Block	07765227.9	7/18/07	502007013017.6	4/23/14
	E-TO-00125	DE	Interface Module	07852603.5	10/9/07	602007032577	8/28/13
	07-004	DE	Terminal block	07856677.5	12/13/07	502007013021.4	4/23/14
	07-008	DE	Overvoltage protection magazine	07856683.3	12/13/07	502007005163.2-08	9/22/10
	TO-00270	DE	Cable Clamping Devices and Methods for Using the Same	09796515.6	12/7/09	602009013328.4	2/13/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	09-011	DE	Terminal strip	10712336.6	3/26/10	502010006363.3	3/12/14
	96-004	DE	Combined fail-safe and earthing contact	19620340.6	5/21/96	19620340	10/16/97
	96-002	DE	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97101240.6	1/28/97	59708222.7-08	9/18/02
	96-020	DE	Terminal, isolating or connecting strip	97121398.8	12/5/97	59704653.0-08	9/19/01
	07-004	DE	Terminal block	102007002769.0	1/18/07	102007002769	10/16/08
	07-026	DE	Contact element for a plug-type connector for printed circuit boards	102007026094.8	6/5/07		
	07-027	DE	Grounding comb, in particular for a plug-type connector for printed circuit boards	102007026095.6	6/5/07		
	07-029	DE	Plug-type connector for printed circuit boards	102007026097.2	6/5/07		
	08-016	DE	Strain relief means	102008027380.5	6/9/08		
	08-015	DE	Terminal box for fiberoptic cables and panel	102008027381.3	6/9/08		
	09-011	DE	Terminal strip	102009024330.5	6/9/09		
	10-002	DE	Holder for at least one cassette	102010006611.7	2/1/10	102010006611	11/8/12
	10-004	DE	Method and isolating strip for the alternative connection of an output line, connected to a first input line, to a second input line	102010007856.5	2/12/10		
	10-005	DE	Tool for a terminal strip for telecommunications and data technology	102010008661.4	2/19/10		
	10-008	DE	Connecting box for glass fiber cables	102010010428.0	3/5/10	102010010428	7/19/12
	10-011	DE	Distribution cabinet	102010022451.0	6/2/10		
	11-002	DE	Distribution terminal module	102011016063.9	4/5/11		
	11-005	DE	Distribution connection module	102011101201.3	5/11/11		
	11-007	DE	Distribution strip and distribution block comprising at least two distribution strips	102011101729.5	5/17/11	102011101729	9/27/12
	11-008	DE	Tool for connecting cable cores	102011103687.7	6/9/11		
	11-009	DE	Tool for connecting cable cores	102011103688.5	6/9/11		
	11-013	DE	Terminal block and inscription frame	102011108373.5	7/22/11		
	11-015	DE	Modular unit and method for producing a modular unit	102011112441.5	9/3/11		
	11-017	DE	Contact element and distribution strip for communications and data technology	102011116107.8	10/15/11		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	11-016	DE	Distribution strip and method for producing such a distribution strip	102011116108.6	10/15/11	102011116108	3/21/13
	12-003	DE	Distributor module and method for connecting cores	102012022644.6	11/12/12		
	12-001	DE	Distributor module and method for connecting cores	102012207924.6	5/11/12		
	12-002	DE	Distribution Module	102012214516.8	8/15/12		
	TO-00612	DE	Backmount Frame and Method for Providing a Cable Termination Device	102013200963.1	1/22/13		
	TO-00689	DE	Shield Frame	102013221820.6	10/28/13	102013221820	7/10/14
	TO-00687	DE	Electrical Connection Module	102013221985.7	10/29/13		
	TO-00688	DE	Distribution Connection Module	102013221987.3	10/29/13		
	TO-00717	DE	Distributor Block and Earthing Adaptor	102013226069.5	12/17/13		
	TO-00716	DE	Ground Bus	102013227137.9	12/23/13		
	TO-00746	DE	Structural Unit and Method for the Assembly of a Distributor Connection Module with a Structural Unit	102014211285.0	6/12/14		
	TO-00792	DE	Apparatus for Safeguarding Against Moisture in a Housing	102014211983.9	6/23/14		
	TO-00779	DE		102014224289.4	11/27/14		
	TO-00820	DE		102014226422.7	12/18/14		
	00-015	DE	Electrical Connector	01956564.7-2217	7/26/01	50106332.3-08	5/25/05
	00-008	DE	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01	50100975.2-08	11/12/03
	00-019	DE	Optical Fibre Connection Housing	01982343.4-1524	9/24/01	50107313.2-08	8/31/05
	01-004	DE	Universal adapter	02762379.2-2216	7/27/02	50209839.2-08	3/28/07
	01-005	DE	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	50214365.7-08	4/14/10
	02-005	DE	Distribution box connection module for telecommunications and data technology	03792214.3-2214	7/18/03	1527503	5/14/14
	03-006	DE	Distribution board connection module	04764006.5-2214	8/12/04	502004005223.1-08	10/10/07
	04-007	DE	Housing	04790911.4-2207	10/27/04	502004010860.1-08	3/3/10
	06-002	DE	Plug-in connector for telecommunications and data technology	07703260.5-1528	2/5/07	1997194	12/16/09
	06-006	DE	Plug-in connector for telecommunications and data technology	07765225.3-1528	7/18/07	502007007010.6-08	4/20/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	07-002	DE	Electrical plug-in connector	07856679.1-2214	12/13/07	502007013364.7	8/13/14
	08-016	DE	Strain relief means	09761376.4-2216	5/19/09	502009009198.2	4/16/14
	00-015	DE	Electrical Connector	10051097.3-34	10/14/00	10051097.3-09	11/28/02
	04-002	DE	Plug connector for printed circuit boards	102004017605.1-09	4/7/04	102004017605	10/20/05
	04-007	DE	Housing	102004051215.9-34	10/20/04		
	04-013	DE	Glass fiber monitoring module	102004060452.5-09	12/14/04	102004060452	6/8/06
	05-001	DE	Seal for a cover for an electrical connecting socket	102005005128.6-09	2/4/05	102005005128	10/26/06
	05-013	DE	Mounting apparatus for line and plug-in connecting elements	102005038540.0-34	8/16/05	102005038540	1/11/07
	05-014	DE	Connecting element having a housing for telecommunications and/or data cables	102005038795.0-34	8/17/05	102005038795	8/30/07
	05-017	DE	Method and device for coupling optical fibers	102005052882.1-51	11/7/05	102005052882	12/1/11
	06-016	DE	Connecting element for communication and data technology	102006046180.0-34	9/29/06		
	07-001	DE	Electrical plug-in connector	102007002766.6-34	1/18/07	102007002766	5/22/14
	07-002	DE	Electrical plug-in connector	102007002767.4-09	1/18/07	102007002767	8/21/08
	07-003	DE	Electrical contact arrangement for telecommunications and data technology	102007002768.2-34	1/18/07		
	07-009	DE	Strain-relief device for cables and wire-guiding element	102007009223.9-51	2/26/07	102007009223	3/17/11
	07-024	DE	Plug-type connector for printed circuit board	102007026102.2-09	6/5/07	102007026102	11/13/08
	07-025	DE	Connecting strip and contact element for telecommunications and data technology	102007026111.1-34	6/5/07		
	07-033	DE	Terminal head for telecommunication and data engineering	102007032577.2-34	7/9/07	102007032577	7/21/11
	07-032	DE	Line module for telecommunication and data engineering	102007032578.0-34	7/9/07		
	07-031	DE	Terminal head for telecommunication and data engineering	102007032579.9-34	7/9/07		
	07-038	DE	Distribution board connection module	102007050590.8-34	10/23/07		
	07-041	DE	Overvoltage protection plug and grounding rail	102007055259.0-34	11/20/07	102007055259	4/30/09
	07-041	DE	Overvoltage protection plug and grounding rail	102007063666.2-34	11/20/07	102007063666	9/4/14
	08-004	DE	Core-connecting terminal strip and method for producing a core-connecting terminal strip with gel filling	102008013317.5-34	3/10/08	102008013317	10/14/10
	08-018	DE	Adapter for sleeves with elastomer cable seals and method for introducing a fiber-optic cable into a sleeve	102008032753.0-09	7/11/08	102008032753	5/27/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	08-017	DE	Distribution board connection module for telecommunications and data technology	102008033430.8-09	7/16/08	102008033430	4/1/10
	08-020	DE	Housing having a door hinge with break-in protection	102008039080.1-26	8/21/08	102008039080	1/17/13
	08-013	DE	Cooling arrangement for an electrical or appliance cabinet with air-to-air heat-exchanger cassettes	102008050778.4-34	10/8/08	102008050778	1/20/11
	08-015	DE	Terminal box for fiberoptic cables and panel	102008056035.9-51	6/9/08		
	08-015	DE	Terminal box for fiberoptic cables and panel	102008056036.7-09	6/9/08	102008056036	12/30/10
	08-026	DE	Distribution cabinet for communications and data technology	102008056062.6-34	11/5/08	102008056062	6/24/10
	08-030	DE	Apparatus for accommodating components from telecommunications and data technology	102008059383.4-31	11/27/08	102008059383	6/10/10
	08-031	DE	Micro-distribution cable for optical communication technology, and method for production of a micro-distribution cable	102008062535.3-51	12/16/08		
	09-002	DE	Overvoltage protection magazine for a telecommunications and data technology device	102009007338.8-09	2/4/09	102009007338	7/8/10
	09-003	DE	Overvoltage protection magazine or plug and method for the production of an overvoltage protection magazine or plug	102009010929.3-34	2/27/09		
	09-004	DE	Core connector and method for splicing a twin core into at least one existing end-subscriber twin core	102009010930.7-09	2/27/09	102009010930	12/30/10
	09-008	DE	Patch panel for an optical distribution frame	102009013299.6-09	3/16/09	102009013299	10/28/10
	09-009	DE	Method and arrangement for identifying at least one object	102009018478.3-31	4/22/09		
	09-014	DE	Splice holder	102009049876.1-24	10/19/09		
	09-017	DE	Distribution device for telecommunications and data technology	102009051314.0-31	10/30/09	102009051314	1/12/12
	09-018	DE	Distribution strip	102009056295.8-34	11/30/09		
	10-003	DE	Distribution cabinet for optical fibre cables	102010006610.9-55	2/1/10	102010006610	7/7/11
	10-012	DE	Distribution cabinet	102010034620.9-34	8/17/10		
	10-013	DE	Wire pull-prevention means for connecting or distributor modules, and connecting or distributor module	102010035179.2-34	8/24/10	102010035179	1/12/12
	10-014	DE	Cable bushing and method for passing a cable through an opening in a wall panel or bottom panel	102010046857.6-55	9/29/10	102010046857.6	12/15/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	10-018	DE	Overvoltage protection magazine	102010051920.0-34	11/23/10		
	11-001	DE	Fiber-optic connection arrangement and adapter sleeve	102011011523.4-51	2/17/11	102011011523	5/29/13
	11-003	DE	Distribution terminal module	102011016062.0-34	4/5/11		
	02-002	DE	Plug for connection modules and method for its manufacture	10211826.4-34	3/16/02	10211826.4-34	9/25/03
	02-005	DE	Distribution box connection module for telecommunications and data technology	10236361.7-55	8/8/02	50315054.1	7/28/05
	02-009	DE	Plug connector for printed circuit boards	10257308.5-09	12/7/02	10257308	7/1/04
	03-003	DE	Overvoltage protection magazine for a telecommunications device	10317621.7-34	4/16/03		
	03-010	DE	Distribution device for communications and data technology	10355017.8-31	11/25/03	10355017	5/24/07
	96-003	DE	Module comprising a housing and a base plate	19611631.7-34	3/25/96	19611631	8/21/97
	96-020	DE	Terminal, isolating or connecting strip	19652422.9-34	12/9/96	19652422	4/23/98
	97-021	DE	Wire guide element	19733357.5-34	8/1/97	19733357	6/10/99
	98-006	DE	Protection device	19811455.9-31	3/17/98	19811455	8/19/99
	05-011	DE	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	502006009263.8-08	4/6/11
	07-010	DE	Sleeve for optical waveguide cables	08715782.2	2/15/08	502008004393.4	8/3/11
	03-009	DE	Wall outlet box	04765904.0	10/8/04	502004011053.3-08	4/14/10
	18031	DE	CABLE TERMINATING APPARATUS AND METHOD	04253289.5	6/2/04	602004011288.7	1/16/08
	99-006	DE	Device for mounting terminal strips for telecommunication, control power and data technology	19913097.3-34	3/17/99	19913097	7/6/00
	99-006	DE	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	50014476.1-08	7/11/07
	MP1492	DE	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	95916228.0	4/6/95	69517586.6	6/21/00
	MP0172	DE	Cohesive Sealant Articles	P24512514	10/29/74		
	MP0192	DE	Heat-Recoverable Article With Self-Contained Heater	P2543338.9	9/29/75	2543338	6/19/90
	MP0192	DE	Heat-Recoverable Article With Self-Contained Heater	P2560273.7	9/29/75	2560273	6/19/90
	MP0212	DE	Self Heating Article With Deformable Electrodes	P2635000.5	8/4/76	2635000.5	4/3/86
	MP0212	DE	Self Heating Article With Deformable Electrodes	G7821902.0	7/21/78		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0212	DE	Self Heating Article With Deformable Electrodes	G7624479.6	8/4/76		
	MP0212	DE	Self Heating Article With Deformable Electrodes	P2832119.9	7/21/78		
	MP0219	DE	Expandable Heater With Apertured Electrodes	G7706025.4	2/26/77		
	MP0219	DE	Expandable Heater With Apertured Electrodes	P2708504.7	2/26/77		
	MP0219	DE	Expandable Heater With Apertured Electrodes	G7638381.8	12/8/76		
	MP0219	DE	Expandable Heater With Apertured Electrodes	P2655543.1	12/8/76	P2655543	1/28/87
	MP0736	DE	Heat-Recoverable Closure Assembly	81302412.2	6/1/81	0041388	4/17/85
	MP0761	DE	Wraparound Protective Closure And Method Of Use	83300472.4	1/28/83		
	MP0790COM	DE	Thermoweave	90203172.3	1/5/84	3486439.3	10/9/96
	MP0790COM	DE	Thermoweave	84300059.7	1/5/84	3479003.9	7/19/89
	MP0790COM	DE	Thermoweave	87107917.4	1/5/84	3482660.2	7/4/90
	MP0790COM	DE	Thermoweave	87118261.4	1/5/84	3485621.8	3/25/92
	MP0810	DE	Flame Coloring Device	83300904.6	2/22/83	0087313	5/28/86
	MP0859	DE	Electrical Devices Comprising PTC Elements	84307984.9	11/16/84	0144187	3/11/92
	MP0867	DE	Laminar Electrical Heaters	84303152.7	5/10/84	0128664	8/24/88
	MP0872	DE	Heat Shrinkable Article	84306290.2	9/14/84		
	MP1086	DE	Devices Comprising PTC Conductive Polymers	86307651.9	10/3/86	0220003	3/14/90
	MP1224	DE	Laminar Sheet Heater	89900770.2	12/8/88	0397685	3/13/96
	NC007	DE	Apparatus And Method For Uniformly Irradiating A Strand	94909735.6	2/25/94	69413804.5	10/7/98
	SG002	DE	Heat Shrinkable Wrap Around Closure	29127228	3/30/79	2912722	2/17/83
	SG005	DE	Heat Expandable Foam Plugs	85312215	11/5/85	8531221.5	5/7/86
	MP0735	DE	Wraparound Heat-Recoverable Sleeves	81302413.0	6/1/81	0041389	4/17/85
	SG001	DE	Heat Shrinkable Wrap Around Closure - Having Non-Shrinkable Adhesive Bondable Edges	2611518		2611518	1/18/79
	00-020	DE	Distribution cabinet	20003279.8	2/23/00	20003279	4/20/00
	03-013	DE	Construction kit for distribution cabinets	10310778.9-34	3/12/03	10310778	4/15/10
	00-001	DE	Shielding device for terminal blocks	00126936.4	12/8/00	50014963.1-08	2/13/08
	00-002	DE	Compensation device for an electrical connector	01101324.0	1/20/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-005	DE		10019733.7-34	4/20/00		
	00-007	DE	Electrical connector with spaced contact portions	01940348.4-1231	4/25/01		
	00-008	DE	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	10029650.5-34	6/15/00		
	00-009	DE	Connection module with overvoltage device	10029649.1-09	6/15/00	10029649	9/12/02
	00-013	DE	Connection module	01117086.7	7/13/01		
	00-013	DE	Connection module	10038055.7-34	8/2/00	10038055	6/13/02
	00-016	DE	Device for centered fixing of objects	10040736.6	8/17/00		
	00-017	DE	Coupling device for glass fiber connectors	01985758.0	9/21/01	50105639.4-08	3/16/05
	01-003	DE	Coupling for optical-fiber connection	10139670.8-51	8/11/01	10139670.8-09	7/24/03
	01-006	DE	Connecting element for electrical conductors	10150044.0-34	10/10/01		
	01-007	DE	Terminal block	10150045.9-09	10/10/01	10150045	6/2/05
	04-004	DE	Connection module for telecommunications and data technology	05776552.1	8/30/05	502005007363.0-08	5/27/09
	03-001	DE	Distribution frame with access for testing	04712500.0-2414	2/19/04	502004005263.0-08	10/17/07
	00-004	DE	Duplex connector for fiber clips	10019104.5-09	4/18/00	10019104	4/3/03
	03-001	DE	Distribution frame with access for testing	10310208.6-31	3/8/03	10310208	1/26/06
	03-002	DE	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	10310434.8-34	3/11/03		
	04-004	DE	Connection module for telecommunications and data technology	102004043764.5-34	9/10/04	102004043764	2/2/06
	04-009	DE	Tool for connecting cable cores	102004055386.6-34	11/17/04		
	03-003	DE	Overvoltage protection magazine for a telecommunications device	20321811.6	4/16/03	20321811.6	6/24/10
	04-014	DE	Cable connector for printed circuit boards	102004061681.7-09	12/22/04	102004061681	10/26/06
	03-004	DE	Glass-fiber coupler module	10317620.9-09	4/16/03	10317620	4/20/06
	03-009	DE	Wall outlet box	20320702.5	10/29/03	20320702.5	10/13/05
	03-005	DE	Conductor connection module for printed circuit boards	04740236.7-2214	6/24/04	502004001921.8-08	11/2/06
	01-004	DE	Universal adapter	10141449.8-51	8/23/01		
	03-006	DE	Distribution board connection module	10339844.9-09	8/29/03	10339844	1/27/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	03-007	DE	Access Module	10341694.3-09	9/10/03	10341694	2/3/05
	03-008	DE	Housing for glass-fiber plug connectors, and a method for laying glass-fiber cables	20321114.6	9/17/03	20321114.6	2/16/06
	03-009	DE	Wall outlet box	10350433.8-55	10/29/03		
	03-011	DE	Connection module for telecommunication and data technique	20321325.4	12/20/03	20321325.4	10/26/06
	04-005	DE	Distribution module for converting between symmetrical and asymmetrical data transmission paths	102004043763.7-34	9/10/04	102004043763	2/2/06
	04-012	DE	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	502005006100.4-08	11/26/08
	00-012	DE	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	60109033.0-08	2/23/05
	05-004	DE	Fiberglass termination	102005011208.0-51	3/9/05		
	05-005	DE	Plug connection	102005015268.6-34	4/4/05		
	05-008	DE	Active distribution device in the subscriber access area	102005022689.2-09	5/18/05	102005022689	9/20/07
	05-009	DE	Distribution device in the subscriber access area	102005022547.0-31	5/18/05	102005022547	7/3/08
	05-010	DE	Protective plug for distribution frame devices for telecommunications and data technology	102005029012.4-09	6/21/05	102005029012	12/28/06
	02-004	DE	Device for an optical-fiber connection	03727357.0-1234	4/25/03	50304063.0-08	6/28/06
	05-011	DE	Insulation displacement connector and equipment for telecommunications and data technology	102005033998.0-34	7/21/05		
	05-012	DE	Modular housing wall for telecommunications devices	102005032872.5-09	7/14/05	102005032872	12/6/07
	05-015	DE	Protective plug for a connection module	102005042163.6-34	9/6/05	102005042163	3/22/07
	05-016	DE	Connector module with integrated functions	102005046862.4-34	9/30/05		
	06-001	DE	Connection module for connecting at least two wires	102006001371.9-34	1/11/06		
	06-002	DE	Plug-in connector for telecommunications and data technology	102006012518.5-34	3/18/06		
	06-003	DE	Dual Flow Fan	102006024682.9-09	5/19/06	102006024682	12/4/08
	02-003	DE	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	50304861.5-08	8/30/06
	06-004	DE	Press-fit-connector	07724602.3	4/26/07	502007004570.5-08	7/28/10
	06-004	DE	Press-fit-connector	102006024681.0-34	5/19/06	102006024681	7/17/08
	06-004	DE	Press-fit-connector	102006062756.3-09	5/19/06	102006062756	3/26/09

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	06-006	DE	Plug-in connector for telecommunications and data technology	102006036459.7-09	8/4/06	102006036459	12/27/07
	06-007	DE	Symmetrical data cable for communications and data engineering Symmetrical data cable for communications and data engineering	102006036065.6-34	8/2/06		
	06-008	DE	Symmetrical data cable for communications and data technology	102006038138.6-34	8/16/06		
	06-010	DE	Connector Block	07786141.7	7/18/07	502007002572.0-08	1/6/10
	06-017	DE	Strain relief device for a glass fiber cable	102006046181.9-09	9/29/06	102006046181	9/4/08
	06-018	DE	Plug-in connector for printed circuit boards	102006059766.4-09	12/18/06	102006059766	4/10/08
	06-034	DE	Two-part inner body	102006049371.0	10/19/06		
	07-005	DE	Plug-in connector for printed circuit boards and connection module with plug-in connector for printed circuit	102007003250.3-34	1/23/07	102007003250	6/26/08
	07-006	DE	Plug-in connector	102007005959.2-34	2/6/07		
	07-008	DE	Overvoltage protection magazine	102007006693.9-34	2/12/07		
	07-010	DE	Sleeve for optical waveguide cables	202007008151.0	3/1/07	202007008151	4/10/08
	07-010	DE	Sleeve for optical waveguide cables	102007010863.1-09	3/1/07	102007010863	1/8/09
	07-011	DE	Console for a distribution device for optical waveguide cables	102007010854.2-09	3/1/07	102007010854	1/8/09
	07-012	DE	Bundle core repository for a distribution device for optical waveguides	102007010853.4-09	3/1/07	102007010853	1/29/09
	07-013	DE	Carrier system for a distribution device for optical waveguides	102007010855.0-09	3/1/07	102007010855	1/8/09
	07-014	DE	Customer termination point in the subscriber premises of a telecommunication and/or data link and method for changing providers	102007011683.9-31	3/9/07	102007011683	6/10/09
	07-028	DE	Wire connection module	102007026096.4	6/5/07		
	07-034	DE	Support system for fixing telecommunication and data systems technology resources	102007032186.6	7/11/07		
	07-035	DE	Cable guide and device for telecommunications and data technology	102007039353.0-09	8/21/07	102007039353	2/19/09
	07-037	DE	Plug type printed circuit board connector	102007050589.4-34	10/23/07	102007050589	6/25/09
	07-042	DE	Double-walled housing with improved heat-dissipating functional-area walls	102007058458.1-34	12/4/07	102007058458	8/26/10
	08-001	DE	Switching distribution board	102008008590.1-09	2/12/08	102008008590	7/2/09
	08-002	DE	Optical fiber connection module	102008010592.9-01	2/22/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	08-003	DE	Mount system for accommodating components from telecommunications and data technology	102008011159.7-01	2/26/08		
	08-008	DE	Foundation body, method for production of a foundation body, and method for erection of a mast	102008020847.7-25	4/25/08		
	08-010	DE	Securing module for an optical fiber connection module	102008029802.6-09	6/24/08	102008029802	12/31/09
	08-013	DE	Cooling arrangement for an electrical or appliance cabinet with air-to-air heat-exchanger cassettes	102008064716.0	10/8/08		
	08-014	DE	System architecture and method for linking an MSAN to a main distribution frame and distribution frame connection module	102008031521.4-09	7/3/08	102008031521	12/10/09
	08-019	DE	Apparatus and method for sealing small tubes of a blown-fiber cable on insertion into a collar	102008037126.2-09	8/8/08	102008037126	3/11/10
	08-021	DE	Distributor connection module	102008045337.4-31	9/1/08	102008045337	10/21/10
	00-014	DE	Connecting element and method for making electrical contact with an electrical core without using any tools	10039637.2-34	8/9/00	10039637	6/27/02
	00-017	DE	Coupling device for glass fiber connectors	10047898.0-51	9/26/00		
	02-004	DE	Device for an optical-fiber connection	10219935.3	5/3/02		
	09-005	DE	Strain relief device	102009012335.0-09	3/9/09	102009012335	12/30/10
	04-001	DE	Optical fiber plug-in connection	102004013905.9-09	3/17/04	102004013905	1/26/06
	04-003	DE	Electrical connection module	102004042586.8-09	9/2/04	102004042586	12/8/05
	09-012	DE	Housing for accommodating at least one gas stopper	102009024633.9-51	6/12/09		
	10-001	DE	Housing for holding at least one cable	102010004145.9-34	1/7/10	102010004145	9/1/11
	04-010	DE	Distribution board connection module	102004054533.2-31	11/5/04	102004054533	8/10/06
	10-015	DE	Cable guide element and cassette having a cable guide element	102010048585.3	10/18/10		
	10-019	DE	Distribution module	102010052024.1-31	11/23/10		
	11-004	DE	Magazine	102011016061.2-31	4/5/11		
	11-010	DE	Optical distributor	102011103525.0	6/7/11		
	11-011	DE	Mounting apparatus of a holder for telecommunications devices, and holder	102011105362.3	6/22/11		
	12-002	DE	Distribution Module	102012210311.2	6/19/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	14655	DE	LOCAL AREA NETWORK INTERFACE	9101288.0	2/5/91	9101288.0	4/25/91
	18138	DE	SEALED ELECTRICAL CONNECTOR HAVING INTERNAL LATCHING MECHANSIM THEREFORE	112005000697.2	3/15/05		
	19622014	DE	Chip and SIM Card Reading Equipment	19600014.9-53	1/2/96	19600014	7/3/97
	4935	DE	MODULAR TELEPHONE PLUG	3318966.8	5/25/83	3318966.8	12/13/90
	61007	DE	COMMON MEDIUM TIME DIVISION MULTIPLEX RING USING LOCAL LOGIC	86309379.5	12/2/86	3678934.8	4/24/91
	61019	DE	METHOD AND APPARATUS FOR TESTING FIBER OPTIC HUBS	88309579.6	10/13/88	3869325.9	3/18/92
	75-118	DE		2428266	6/12/74	2428266	2/10/83
	77-002	DE		P 2710973	3/12/77	2710973	10/10/85
	77-122	DE	LSA-Plus Module	P 2725551.2-34	6/7/77	2725551	11/17/83
	78-123	DE	Connection module	P 2804478.2-34	1/31/78	2804478	11/25/82
	78-124	DE		P 2811812.9-34	3/16/78	2811812	4/12/84
	78-125	DE		P 2814069.4-34	3/30/78	2814069	3/25/82
	78-126	DE		P 2816724.	4/18/78	2816724	7/8/82
	80-128	DE	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	P 3014796.7-32	4/17/80	3014796	6/3/82
	80-129	DE	A twin contact terminal element	P 3021798.2-34	6/11/80	3021798	3/11/82
	80-130	DE	Universal connector for a solderless, screwless and stripless system for testing, connecting and isolating conductor tracks	P 3027047.4-34	7/17/80	3027047	1/20/83
	80-131	DE	A connector device for testing a cable wire relative to all other cable wires within a contact element	P 3028895.0-34	7/30/80	3028895	1/13/83
	80-132	DE	A self supporting terminal element	P 3044888.5-34	11/28/80	3044888	9/6/84
	81-133	DE		P 3113759.8-32	4/4/81	3113759	5/2/85
	81-135	DE	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	P 3137429.8-34	9/19/81	3137429	3/22/84
	82-030	DE	Modular plug connector	P 3201894.0-31	1/22/82	3201894	6/9/83
	82-035	DE	Terminal element for cable wires and drop wire cables	P 3214896.8-34	4/22/82	3214896	10/6/83
	82-136	DE		P 3203399	2/2/82	3203399	12/22/83
	82-137	DE		P 3205934.5-34	2/19/82	3205934	11/28/85

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	82-138	DE		P 3213534.3-31	4/10/82	3213534	10/22/87
	82-139	DE	Clamping element for connecting electric conductors without welding, screwing and baring	P 3231165.6-34	8/21/82	3231165	1/23/86
	82-153	DE		P 3200213.0-34	1/7/82	3200213	3/17/88
	82-168	DE		P 3229399.2-31	8/6/82	3229399	4/5/90
	83-014	DE		P 3311476	3/29/83	3311476	10/31/91
	83-040	DE	A terminal strip	P 3312754.9-34	4/9/83	3312754	10/31/84
	83-046	DE	Device for fixing cables	P 3348151.2-09	2/23/83	3348151	6/1/89
	83-141	DE		P 3308682.6-31	3/11/83	3308682	12/5/85
	83-142	DE	A heat protection device for over-voltage arrester magazines	P 3323687.9-32	7/1/83	3323687	12/18/86
	83-143	DE		P 3335604.1-31	9/30/83	3335604	5/15/86
	83-144	DE		P 3335675.0-31	9/30/83	3335675	8/22/85
	83-145	DE	Optical main distributor	P 3335676.9-31	9/30/83	3335676	
	84-016	DE	Multipolar plug	85730151.9	11/8/85	0189730	12/27/89
	84-146	DE		P 3405998.9-34	2/20/84	3405998	12/18/86
	84-147	DE	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	P 3415369.1-34	4/25/84	3415369	7/30/87
	85-003	DE		86730087.3	5/22/86	3664026	
	85-054	DE		P 3523264.1-31	6/26/85	3523264	10/9/86
	85-161	DE		P 3540472.8-51	11/12/85	3540472	5/3/89
	85-164	DE		P 3525568.4-34	7/15/85	3525568	5/18/89
	86-003	DE	Distribution cabinet	P 3614725.7-34	4/30/86	3614725	8/24/89
	86-019	DE	Connector bank for cable wires, in particular for telephone cables	87730032.7	4/3/87	0244347	8/21/91
	86-060	DE		P 3606682.6-51	2/27/86	3606682	6/11/87
	86-064	DE	A casing, particulary a junction-box casing for telecommunications engineering	3624347	7/16/86	36624347	11/12/87

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	86-064	DE	A casing, particulary a junction-box casing for telecommunications engineering	87730050.9	5/8/87	3788165.5	11/18/93
	86-066	DE	Cutting/clamping terminal element for electrical conductors	87730118.4	9/30/87	P3778843.4	8/12/92
	86-066	DE	Cutting/clamping terminal element for electrical conductors	P 3637929.8-34	11/6/86	3637929	1/28/88
	86-068	DE		87730118.4	9/30/87	0270479	5/6/92
	86-068	DE		P 3640836.0-51	11/29/86	3640836	5/26/88
	86-069	DE	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	87730134	10/27/87	3789607	
	86-069	DE	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	93112523.1	8/5/93		
	86-069	DE	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	P3641366.6-34	12/3/86	3641366	2/25/88
	86-070	DE		P 3641367.4-34	12/3/86	3641367	2/25/88
	86-072	DE		P 3610869.3-31	4/1/86	3610869	7/21/94
	86-156	DE		87730030.1	3/21/87	0243296	12/27/90
	86-156	DE		P 3614063.5-31	4/23/86	3614063	10/13/88
	86-162	DE		P 3621483.3-34	6/24/86	3621483	5/11/89
	87-002	DE		G 8703349.6	3/3/87	8703349	4/16/87
	87-003	DE		88730042.4	2/24/88	3888375.9	3/16/94
	87-003	DE		P 3709376.2-34	3/20/87	3709376	5/26/88
	87-008	DE	Connector block with normally open or switching contacts	G 8717407.3	5/8/87	8717407	10/13/88
	87-075	DE	Connector bank for telecommunication devices	88730118.2	5/17/88	0302814	2/16/94
	87-075	DE	Connector bank for telecommunication devices	P 3726741.8-34	8/7/87	3726741	9/1/88
	87-077	DE	Device for holding connector banks in telecommunication systems	88730116.6	5/13/88	3887032.0-08	1/12/94
	87-077	DE	Device for holding connector banks in telecommunication systems	P 3728368.5-31	8/21/87	3728368	11/10/88
	87-078	DE	Connection device for telecommunications	88112582.7	8/3/88	3875896.2-08	11/11/92
	87-078	DE	Connection device for telecommunications	P 3730662.6-34	9/10/87	3730662	9/19/91

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	87-080	DE		P 3735291.1-09	10/16/87	3735291	12/13/90
	87-082	DE		P 3738322.1-34	11/7/87	3738322	2/21/91
	87-083	DE		P 3743836.0	12/23/87	3743836	
	87-115	DE	Connection device for telecommunications	P 3711675.4-34	4/7/87	3711675	4/11/91
	87-157	DE	Distribution bank for commuication cables	P 3710896.4-34	4/1/87	3710896	1/19/89
	87-158	DE		P 3712415.3-34	4/10/87	3712415	2/9/89
	87-166	DE	Terminal unit for cable pairs in Telecommunication systems	88730114.1	5/11/88	3879556.6	3/24/93
	88-002	DE		G 8800278.0	1/9/88	8800278	4/7/88
	88-006	DE		88730074.7	3/24/88	3872921.0	7/22/92
	88-017	DE	Connector for printed circuit boards	P 3828904.0-34	8/23/88	3828904	4/25/91
	88-086	DE	Tool for connecting cable wires	88730250.3	11/12/88	3876088.6	11/19/92
	04-011	DE	Distribution board connection module	102004054534.0-34	11/5/04	102004054534	5/24/07
	88-087	DE		88117463.5	10/20/88	3862024	
	88-087	DE		P 3804822	2/12/88	P 3804822.1-51	1/5/89
	88-088	DE	Protective plug for connector or disconnector banks	89100535.7	1/13/89	58906514.9-08	12/29/93
	88-088	DE	Protective plug for connector or disconnector banks	P 3813889.1-34	4/20/88	3813889	4/6/89
	04-012	DE	Plug-in connector for printed circuit boards	102004054535.9-09	11/5/04	102004054535	3/30/06
	88-090	DE		P 3816550.3-32	5/11/88	3816550	6/13/91
	88-091	DE	Receiving pre-amplifier for an optical telecommunication line	89730043.0	2/22/89	38906073.2	11/3/93
	88-092	DE		88113259.1	8/13/88	3865943.3	
	88-092	DE		P 3820272.7-32	6/10/88	3820272	4/6/89
	88-094	DE		P 3825265.1	7/26/88		
	88-095	DE	Contact member of electrical conductors	89730120.6	5/11/89	0360727	10/12/94
	88-095	DE	Contact member of electrical conductors	P 3832497.0-34	9/22/88	3832497	4/20/89
	88-096	DE		DE 3836360	10/21/88		
	88-097	DE	Connection device for switchung or disconnection line paths in telephone exchanges	89115536.8	8/23/89	0365780	4/26/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	88-097	DE	Connection device for switchung or disconnection line paths in telephone exchanges	P 3836668.1-31	10/25/88	3836668	3/8/90
	88-098	DE	Plug connector for telecommunication and data systems	89730204.8	8/23/89	58905539.9	9/8/93
	88-100	DE	Electro-optical planar display, in particular an LCD display panel	89730208.9	10/14/89	58905624.7	9/15/93
	88-106	DE		G 8810143.6	8/5/88	8810143	9/22/88
	88-107	DE		G 8813714.7	6/11/88	8813714	12/22/88
	88-108	DE		G 8813986.7	11/4/88	8813986	1/19/89
	88-109	DE		G 8813173.4	10/17/88	8813173	1/19/89
	88-112	DE		G 8816415.2	4/13/88	8816415	7/27/89
	88-159	DE	Connecting element for optical waveguides	88112078.6	7/27/88	3886328.6-08	12/15/93
	88-159	DE	Connecting element for optical waveguides	P 3802240.0-51	1/23/88	3802240	4/19/90
	89-005	DE	Protection plug for connector banks of telecommunication and data systems	90101057.9	1/19/90	59008050.4-08	12/21/94
	89-005	DE	Protection plug for connector banks of telecommunication and data systems	P 39 09 783.8-34	3/22/89	3909783	10/18/90
	89-006	DE	Connector banks with voltage surge protection	90250072.7	3/16/90	0399628	6/7/95
	89-006	DE	Connector banks with voltage surge protection	P 3917270.8	5/23/89	3917270	10/23/97
	89-008	DE		90111280.5	6/15/90		
	89-008	DE		P 3924381.8-34	7/20/89	3924381	12/13/90
	89-009	DE		P 3935771.6-32	10/24/89	3935771	5/16/91
	89-010	DE	Wire connector for cable wires, in particular of telecommunication cables	90115668.7	8/16/90	59004220.3-08	1/12/94
	89-010	DE	Wire connector for cable wires, in particular of telecommunication cables	P 3938365.2-34	11/15/89	3938365	
	89-012	DE		P 3922431.7-34	7/7/89	3922431	4/11/91
	89-101	DE	Plug connector	90250004.0	1/4/90		
	89-101	DE	Plug connector	P 3900991.2-34	1/12/89	3900991	2/1/90
	89-102	DE	Shield connecting element for a connector bank	90250003.2	1/4/90	59002959.2-08	10/6/93
	89-102	DE	Shield connecting element for a connector bank	P 3902575.6-34	1/26/89	3902575	
	89-192	DE	Electrical Connector	90122815.5	11/29/90	59008941.2-08	4/19/95
	90-002	DE	Voltage limiter	90122922.9	11/30/90	0440905	8/30/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-002	DE	Voltage limiter	G 9001687.4	2/9/90	9001687.4	4/12/90
	90-003	DE	Method for in-door communication	P 4008023.4-31	3/9/90	4008023	3/12/92
	90-004	DE		G 9003083.4	3/13/90	9003083	
	90-005	DE		P 4008388.8-34	3/13/90	4008388	12/12/91
	90-006	DE	Connecting block for the telecommunication and data technology	91100348.1	1/12/91	59104187.1-08	1/11/95
	90-006	DE	Connecting block for the telecommunication and data technology	P 4008386.1-34	3/13/90	4008386	12/12/91
	90-008	DE		91102642.5	2/22/91	0447834	
	90-008	DE		P 4009297.6-34	3/20/90	4009297	2/13/92
	90-009	DE	Device for displaying announcements, in particular prices in numerical form	91103873.5	3/14/91	59100354.6	9/8/93
	90-009	DE	Device for displaying announcements, in particular prices in numerical form	P 4011251.9-32	4/5/90	4011251	3/26/92
	90-010	DE		G 9005254.4	5/4/90	9005254	8/29/91
	90-011	DE	Terminal block for telecommunications systems	91103990.7	3/15/91	59105360.8	5/6/93
	90-011	DE	Terminal block for telecommunications systems	4015238.3-34	5/10/90	4015238	5/6/93
	90-012	DE	Cutting Clamping Contact	91106635.5	4/25/91	0459144	5/24/95
	90-012	DE	Cutting Clamping Contact	P 4018164.2-34	6/1/90	4018164	2/10/94
	05-007	DE	Apparatus and method for universal cable bushing	102005016340.8-55	4/9/05	102005016340	8/10/06
	90-013	DE		P 4033353.5-32	7/11/90	4022253	4/16/92
	90-014	DE	Hinge for distribution cabinets	P 4023978.0-23	7/25/90	4023978	6/17/94
	90-015	DE	Protective circuit and protective device plug for telecommunication installations	91110018.8	6/19/91	59101708.3	5/25/94
	90-015	DE	Protective circuit and protective device plug for telecommunication installations	P 4026004.6-32	8/14/90	4026004	2/4/93
	90-016	DE		G 9012222.4	8/22/90	901222.4	1/2/92
	90-017	DE		P 4027725.9-51	8/30/90	4027725	11/18/93
	90-018	DE		P 4032865.1-12	10/12/90	4032865	10/7/93
	90-019	DE	Cutting-clamping contact	P 4033366.3-34	10/17/90	4033366	8/6/92
	90-020	DE		P 4034296.4-24	10/25/90	4034296	1/5/95
	90-021	DE		91115168.6	9/7/91	59101861.6	12/5/91

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-021	DE		P 4035259.5-51	11/3/90	4035259	12/5/91
	90-022	DE		P 4016331.8	5/21/90		
	90-023	DE		P 3379468	2/19/90	292115	7/18/91
	90-025	DE		P 4030444.2-31	9/26/90		
	90-026	DE		P 4007007	3/6/90	4007007	1/16/92
	90-027	DE		G 9011641.0	8/10/90	9011641	10/18/90
	90-028	DE		G 9011642.9	8/10/90	9011642.9	10/18/90
	91-001	DE		91119994.1	11/23/91	91119994.1	
	91-001	DE		P 4103128.8-53	1/30/91	4103128	9/1/94
	91-002	DE		P 4112932.6	4/18/91	4112932	2/3/94
	91-003	DE		P 4113795.7	4/25/91	4113795	12/17/92
	91-005	DE		P 4118738.5	6/5/91	4118738	12/24/92
	91-010	DE		92108267.3	5/15/92		
	91-010	DE		P 4125105.9	7/26/91	4125105	
	91-011	DE	Insulation displacement contact terminal	92111624.0	7/9/92	0525457	3/6/96
	91-011	DE	Insulation displacement contact terminal	P 4126068.6-34	8/2/91	4126068	12/3/92
	91-012	DE		P 4127440.7	8/17/91	4127440	2/4/93
	91-013	DE	Terminal bank for the telecommunication and data technology	92111854.3	9/9/92	59209713.7-08	6/16/99
	91-013	DE	Terminal bank for the telecommunication and data technology	P 4127896.8	8/22/91	4127896	10/24/96
	91-014	DE	Cutting and clamping sleeve contact	9211972.3	7/14/92	0531664	1/31/96
	91-014	DE	Cutting and clamping sleeve contact	P 4130940.5	9/13/91	4130940	7/16/92
	91-017	DE		G 9111436.5	9/11/91	9111436	11/26/92
	91-018	DE		P 4130588.4	9/12/91	4130588	2/18/93
	91-019	DE		P 4131822.6	9/20/91	4131822	6/11/92
	91-020	DE		G 9112520.0	10/5/91	9112520	12/10/92
	91-021	DE		P 4133369.1	10/5/91	4133369	1/21/93

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	91-022	DE	Switching assembly for glass fibre cables of the telecommunication and data technology	92113177.7	8/3/92	59209194.5-08	2/11/98
	91-022	DE	Switching assembly for glass fibre cables of the telecommunication and data technology	P 4133375.6	10/5/91	4133375	4/22/93
	91-024	DE		P 4133372.1	10/5/91	4133372	4/7/94
	91-025	DE	Cutting Clamping Contact	P 4142555.3	12/21/91	4142555	4/29/93
	91-026	DE	Contact element for a distribution system	P 4114946.7-31	5/7/91	4114946	8/20/92
	91-027	DE	Contact element for a distribution system	P 4114947.5-31	5/7/91	4114947	8/20/92
	91-028	DE		G 9103770.0	3/27/91	9103770	6/27/91
	91-029	DE		92109367.0	6/3/92	0528125	9/7/94
	91-029	DE		P 4126355	8/9/91		
	91-030	DE	Cable Sleeve	92109902.4	6/12/92	59204559.5-08	12/6/95
	91-030	DE	Cable Sleeve	G 9107912	6/27/91	9107912	12/6/92
	91-031	DE		G 9107913	6/27/91	9107913	
	91-033	DE		P 4137206.9	11/12/91		
	92-001	DE		P 4200775.5	1/11/92	4200775	
	92-003	DE	Distribution Rack	P 4204558.4-34	2/13/92		
	92-004	DE	Case, in particular cable branching case	92120714.8	12/4/92		
	92-004	DE	Case, in particular cable branching case	P 4206682.4-34	2/29/92	4206682	10/27/94
	92-005	DE		G 9202806.3	2/28/92	92022806	3/25/93
	92-006	DE	Cutting and clamping Terminal Element	93101539.0	2/2/93	0558937	1/3/96
	92-006	DE	Cutting and clamping Terminal Element	P 4207369.3	3/4/92	4207369	7/29/93
	92-007	DE		P 4129588.9	9/6/91	4129588	
	92-008	DE		G9203305.9	3/7/92	9203305	4/8/93
	92-009	DE			2/24/93		
	92-009	DE		G 9204490.5	3/30/92	9204490	7/2/92
	92-010	DE		P4211162.5	3/31/92	4211162	

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-011	DE		G 9204697.5	4/1/92	9204697	6/17/92
	92-012	DE	LWL device	G 9208215.7	6/15/92	9208215	7/15/92
	92-013	DE	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	93106602.1	4/23/93	59301306.9-08	1/3/96
	92-013	DE	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	P 4225484.1	7/30/92	4225484	12/23/93
	92-014	DE	Split flap display device	93110150.5	6/25/93	0583577	1/3/96
	92-014	DE	Split flap display device	P 4227881	8/20/92		
	92-015	DE	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	93112697.3	8/7/93		
	92-015	DE	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	P 4229884.9	9/4/92	4229884	
	92-016	DE		G 9212824.6	9/19/92	9212824	11/5/92
	92-017	DE	Telecommunication system	P 4233581.7	10/1/92	4233581	7/7/94
	92-018	DE	Data process	P 4233580.9	10/1/92	4233580	4/7/94
	92-019	DE	Method for elctronically labelling articel	93250311.3	11/10/93		
	92-019	DE	Method for elctronically labelling articel	P 4338554.0	11/8/93		
	92-020	DE	Modular system for networks	9216850.7	12/4/92	9216850	1/13/94
	92-021	DE		93115054.4	9/18/93	59306658.8-08	6/4/97
	92-021	DE		P 4242403.8	12/9/92	4242403	7/18/96
	92-022	DE	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	59304609.9-08	9/17/93	0601289	11/27/96
	92-022	DE	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	P 4242404.6	12/9/92	4242404	2/17/94
	92-023	DE	PCB Connection module	9217138.9	12/9/92	9217138.9	1/13/94
	05-006	DE	Apparatus for EMC-proof cable bushing	102005016341.6-55	4/9/05		
	92-024	DE	Signal-connector with capacitive adjustment for improved crosstalk parameters	93113952.1	9/1/93	59305060.6-08	1/8/97
	92-025	DE	Method and arrangement for optically representing information	93114019.8	9/2/93		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-025	DE	Method and arrangement for optically representing information	P 4244448.9	12/23/92	4244448	4/13/95
	92-026	DE	Method and arrangement for establishing networks of electro-optical display-field modules	93116523.7	10/13/93		
	92-026	DE	Method and arrangement for establishing networks of electro-optical display-field modules	P 4244584.1	12/28/92	4244584	
	92-029	DE		G 9204590.1	4/3/92	G9204590.1	6/11/92
	92-030	DE		G 9204589.8	4/3/92	G9204589	6/11/92
	92-031	DE		P 4211137.4-34	4/3/92	4211137	7/22/93
	92-032	DE		G 9218089.2	4/3/92	G9218089	7/8/93
	92-033	DE		P 4232787.3-34	9/30/92	4232787	12/23/93
	93-001	DE	Connection module	G 9300340.4	1/9/93	9300340	3/4/93
	93-002	DE	Device for mounting teminls strips in communications technology	G 9300339.9	1/9/93	9300339	4/8/93
	93-003	DE		G 9300338.2	1/9/93	9300338.2	3/4/93
	93-004	DE		G 9300955.0	1/14/93	9300955	3/11/93
	05-006	DE	Apparatus for EMC-proof cable bushing	202005020718.7	4/9/05	202005020718	6/22/06
	93-005	DE	Closing device for the door of a casing	P 4302835.7-31	1/27/93	4302835	6/9/94
	93-006	DE		931119488.0	12/3/93		
	93-006	DE		P 4302837	1/28/93	4302837	
	93-007	DE		G 9301521	1/30/93	9301521	3/3/94
	93-008	DE	Termination device for the communication and data technique	93119249.6	11/30/93		
	93-008	DE	Termination device for the communication and data technique	P 4303976.6	2/8/93	4303976	2/17/94
	93-009	DE	Distribution device, in particular for the main distribution device of telephone and data lines	93119583.8	12/4/93	59308286.9-08	3/18/98
	93-009	DE	Distribution device, in particular for the main distribution device of telephone and data lines	G 9302456.8	2/19/93	9302456	4/8/93
	93-010	DE		P 4306349.7	2/23/93	4306349	3/17/94
	93-011	DE		G 9303190.4	2/27/93	9303190	2/27/93
	93-012	DE		G 9304363.5	3/18/93	9304363	4/21/94

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	93-013	DE		P 4312905.6-53	4/16/93	4312905	4/13/95
	93-014	DE		G 9306299.0	4/22/93	9306299.0	6/1/94
	93-015	DE	Cable branching device	94103854.9	3/14/94	59406072.9-08	5/27/98
	93-015	DE	Cable branching device	P 4315681.9	5/5/93	4315681	11/24/94
	93-017	DE	Method for monitoring the filing levels of material of value collection containers	94105657.4	4/13/94		
	93-017	DE	Method for monitoring the filing levels of material of value collection containers	P 4411478.8-52	3/29/94	4411478	3/14/96
	93-018	DE		P 4319565.2	6/8/93	4319565	7/28/94
	93-019	DE		P 4321084.8	6/19/93	4321084	
	93-020	DE	Termination module	94105314.2-2214	4/6/94	59407677.3-08	1/20/99
	93-020	DE	Termination module	P 4322383.4-34	6/29/93	4322383	4/3/97
	93-021	DE	Connection module	G 9310004.3	6/29/93	9310004	8/26/93
	93-022	DE	Plug Connector	G 9310953.9	7/17/93	9310953	8/25/94
	00-017	DE	Coupling device for glass fiber connectors	20022507.3	9/26/00	20022507.3	2/14/02
	93-023	DE	Connection block for high speed transmission in the telecommunication and data system	P 4325952.9-09	7/27/93	4325952	2/13/97
	93-023	DE	Connection block for high speed transmission in the telecommunication and data system	94108404.8	6/1/94	59406817.7-08	9/2/98
	93-024	DE	Contact arrangement	P 4327166.9	8/9/93	4327166	8/3/95
	93-025	DE		G 9312263.2	8/17/93	9312263	10/27/94
	93-026	DE		G 9313797	9/7/93	9313797	3/23/95
	93-027	DE		P 4330961.5	9/9/93	4330961	
	93-028	DE	Clamping Terminal unit	94112249.1	8/5/94	59405015.4-08	1/14/98
	93-028	DE	Clamping Terminal unit	P 4331212.8-09	9/10/93	4331212	4/30/97
	93-029	DE	Plug contact	G 9314304.4	9/18/93	9314304	1/19/95
	93-030	DE	Terminal block	94113179.3	8/24/94	59407272.7-08	11/11/98
	93-030	DE	Terminal block	P 4333263.3	9/24/93	4333263	9/28/95
	93-031	DE	LWL devices	4333719.8	9/29/93	4333719	7/9/98

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	93-032	DE	Electrical Plug Connector	94114414.9	9/14/94		
	93-032	DE	Electrical Plug Connector	P 4334615.4	10/5/93	4334615	9/8/94
	93-033	DE		94114068.3	9/8/94		
	93-033	DE		G 9316472.6	10/28/93	9316472	11/24/94
	93-034	DE	Termination unit for telecommunication and data lines	94116632.4	10/21/94	59410051.8-08	2/13/02
	93-034	DE	Termination unit for telecommunication and data lines	P 4342517.8	12/9/93	4342517	5/4/95
	93-035	DE	Insulation displacement contact	P 4343444.4-34	12/20/93	4343444	9/4/97
	93-036	DE	Coupling device between a glass fibre and a dielectric waveguide	94117310.6	11/3/94		
	93-036	DE	Coupling device between a glass fibre and a dielectric waveguide	P 4344179.3	12/23/93	4344179	10/27/94
	93-038	DE		P4343335.9-42	12/18/93	4343335	4/30/98
	93-043	DE	Distribution cabinet	G 9307001.2	5/8/93	9307001	7/15/93
	93-044	DE		G 9315706	10/15/93	9315706	12/23/93
	94-001	DE	Connection module EVS 400	G 9400303.3	1/10/94	9400303	2/9/95
	94-002	DE	Telephone Cross Connect & Carrier System	P 4411476.1	3/29/94	4411476	2/16/95
	94-003	DE	Digital electronic Loop Crossconnect & Carrier System	94117980.6	11/25/94		
	94-003	DE	Digital electronic Loop Crossconnect & Carrier System	P 4411479.6	3/29/94	4411479	
	94-005	DE	Separation spark gap for limiting the maximum voltage on a surge arrester	94118945.8	12/1/94	59401940.0-08	3/5/97
	94-005	DE	Separation spark gap for limiting the maximum voltage on a surge arrester	P 4403053.3-32	1/28/94	4403053	3/23/95
	94-006	DE	Winding cartridge	G 9401771.9	1/31/94	9401771	2/23/95
	94-006	DE	Winding cartridge	94108836.1	6/9/94	59409891.2-08	10/4/01
	94-007	DE	Insulation displacement contact element	94117060.7	10/28/94	59409296.5-08	4/19/00
	94-007	DE	Insulation displacement contact element	P 4403278.1-34	1/31/94	4403278	12/4/97
	94-008	DE		P 4403803.8	2/8/94	4403803	
	94-009	DE		94119809.5	12/15/94	59406884.3-08	9/9/98
	94-009	DE		G 9402468.5	2/15/94	9402468	3/16/95
	94-010	DE		G 9403452.4	2/25/94	9403452	6/29/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-011	DE			3/1/94		
	94-011	DE		P 4407105.1	3/1/94	4407105	
	94-012	DE	Obliquely disposed insulation displacement contact	95100738.4-2214	1/20/95	59503746.1-08	9/30/98
	94-012	DE	Obliquely disposed insulation displacement contact	P 4411482.6-34	3/29/94	4411482	5/28/98
	94-014	DE	Test plug	G 9407225.6	4/27/94	9407225	5/24/95
	94-015	DE	Housing for optical components	P 4415218.3	4/26/94	4415218	4/27/95
	94-015	DE	Housing for optical components	95102617.8	2/24/95	59507629.7-08	1/19/00
	94-016	DE		P 4415225.6	4/27/94	4415225	
	94-017	DE		P 4421921.0	6/16/94	4421921	
	94-018	DE	Automatic distribution device for telecommunication and data lines	95106047.4	4/22/95		
	94-018	DE	Automatic distribution device for telecommunication and data lines	P 4420806.5	6/16/94	4420806	10/20/95
	94-019	DE	Distribution apparatus, particularly for the main distributor of telecommunications or data lines	95107287.5	5/13/95	59508987.9-08	1/24/01
	94-019	DE	Distribution apparatus, particularly for the main distributor of telecommunications or data lines	P 4423339.6-31	6/20/94	4423339	9/21/95
	94-020	DE		P 4423298.5	7/2/94		
	01-005	DE	Strain relief device for a Plug Connector for Communications and Data technology	10146119.4-34	9/19/01	10146119.4-09	8/14/02
	94-021	DE	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	P 4423798.7	7/1/94		
	94-021	DE	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95105067.3	4/5/95	59506335.7-08	7/7/99
	94-022	DE	Electrical Plug Connector	P 4425748.1	7/21/94	4425748	7/27/95
	94-022	DE	Electrical Plug Connector	95106785.9	5/5/95	59503317.2-08	8/26/98
	94-023	DE		G 9412167.2	7/25/94	G9412167	8/24/95
	94-024	DE	Traction relief	P 4426672.3-34	7/28/94	4426672	6/19/97
	94-025	DE	Printed Circuit Board for Connectors	95108378.1	6/1/95	59507771.4-08	2/9/00
	94-025	DE	Printed Circuit Board for Connectors	G 9412794.8	8/9/94	9412794.8	9/7/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	02-001	DE	Access guard for distributor modules	10210382.8-55	3/9/02	10210382.8-09	10/30/03
	94-026	DE	Flip-over Display Module	95109294.9	6/16/95		
	94-026	DE	Flip-over Display Module	P 428528.0-32	8/12/94		
	94-027	DE	Manufacturing process for structured metal plating on surfaces	94113917.2	9/6/94	0643153	6/19/96
	94-027	DE	Manufacturing process for structured metal plating on surfaces	P 4430390.4	8/26/94	4430390	8/10/95
	94-028	DE	PCB contact	P 4431198.2-34	9/2/94	4431198	12/19/96
	94-029	DE		G 9421359	9/1/94	9421359	10/26/95
	94-031	DE	Protection plug	95109298.0	6/16/95	59500599.3-08	9/3/97
	94-031	DE	Protection plug	P 4437122.5	10/1/94	4437122	7/18/96
	94-032	DE	Terminal element	95109771.6	6/23/95	59507285.2-08	11/24/99
	94-032	DE	Terminal element	P 4437022.9	10/8/94	4437022	2/22/96
	94-033	DE		P 4439484.5-34	10/26/94	4439484	8/29/96
	94-034	DE		G 9421489.1	10/28/94	9421489	1/18/96
	94-035	DE	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	95111172.3	7/15/95		
	94-035	DE	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	P 4440455.7-34	11/3/94	4440455	9/12/96
	94-036	DE	Cable protection element	95106431.0	4/28/95		
	94-036	DE	Cable protection element	G 9418157.8	11/1/94	9418157.8	2/9/95
	94-037	DE	19"Racking system	95106430.2-2207	4/28/95		
	94-037	DE	19"Racking system	G 9418155.1	11/1/94	9418155.1	2/9/95
	94-038	DE		G 9420998.7	12/22/94	9420998.7	1/25/96
	94-039	DE	Charge detection in a telephone network	95943997.7	7/12/95		
	94-039	DE	Charge detection in a telephone network	P 4426689.8	7/28/94		
	95-001	DE		19505493.8	2/11/95		
	95-002	DE		29503799.7	2/22/95		
	95-003	DE	Distribution device	29503909.4	2/25/95	29503909.4	3/28/96

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	95-004	DE	Slide in unit	29504191.9	3/1/95	29504191.9	3/28/96
	95-005	DE	Distribution device	19508775.5-51	3/3/95	19508775	1/16/97
	95-006	DE	Electrical Connectors	96105422.8	4/4/96		
	95-007	DE		19520010.1-09	5/27/95	19520010	9/19/96
	95-009	DE	Switching field	19529974.4	8/16/95	19529974	10/24/96
	95-009	DE	Switching field	96112250.4-2302	7/30/96	59607931.1-08	10/17/01
	95-010	DE	Electrical Connector	96112491.4	8/2/96	59610259.3-08	3/26/03
	95-011	DE	Casing	29514519.6	9/9/95	29514519.6	10/10/96
	95-012	DE	Distribution device for telecommunications and data technique	19537529.7	9/29/95	19537529	3/6/97
	95-012	DE	Distribution device for telecommunications and data technique	96113135.6	8/16/96		
	95-013	DE	Termination device for the telecommunication and data technique	19537528.9-34	9/29/95	19537528	1/13/00
	95-013	DE	Termination device for the telecommunication and data technique	96114423.5-2209	9/10/96		
	95-014	DE		29515984.7	9/29/95	29515984.4	10/31/96
	95-015	DE		29515983.9	9/29/95	29515983.9	10/31/96
	02-003	DE	Coupling for optical-fiber connectors	10219892.6-51	5/3/02		
	95-016	DE	Terminal block for high transmission rates	19614788.3-09	4/4/96	19614788	12/22/05
	95-016	DE	Terminal block for high transmission rates	96111904.7-2308	7/24/96	59606164.1-08	11/29/00
	95-017	DE	Connecting device for telecommunication and data technique	19537531.9-09	9/29/95	19537531	2/6/97
	95-017	DE	Connecting device for telecommunication and data technique	96110940.2-2308	7/6/96	59605871.3-08	9/13/00
	95-018	DE	Socket	19537530.0-09	9/29/95	19537530	2/6/97
	95-019	DE	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	29515982.0	9/29/95	29515982.0	10/31/96
	95-019	DE	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96113454.1-2209	8/22/96		
	95-020	DE	Automatic re-arrangement and distribution device for telecommunication and data lines	19537533.5	9/29/95		
	95-020	DE	Automatic re-arrangement and distribution device for telecommunication and data lines	96115100.8	9/29/96		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	95-022	DE	Main distribution frame MDF	96920705.9	6/26/96		
	95-023	DE		19524019.7-31	6/30/95	19524019	10/17/96
	96-001	DE	Electronic access control and security system	97101244.8	1/28/97		
	96-001	DE	Electronic access control and security system	19609319.8-53	3/9/96		
	96-002	DE	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	19610586.2-34	3/18/96	19610586	4/27/06
	02-007	DE	Optical signalizing	10239602.7-09	8/28/02	10239602.7-09	2/19/04
	96-005	DE	Management-capable splice cassette	97101253.9	1/28/97		
	96-005	DE	Management-capable splice cassette	19611770.4-51	3/13/96	19611770	4/9/98
	96-006	DE	Earthing module	19617114.8	4/19/96	19617114	5/7/98
	96-006	DE	Earthing module	97104914.3-2308	3/22/97		
	96-007	DE	Termination tool	19616912.7-34	4/20/96	19616912	10/2/97
	96-007	DE	Termination tool	97104913.5-2308	3/22/97		
	96-009	DE	Connection module	19620579.4	5/22/96		
	96-009	DE	Connection module	29622803.6	5/22/96	29622803	7/10/97
	96-010	DE		29610510.4	6/6/96	29610510	7/10/97
	96-011	DE	High density high performance connector	97108131.0	5/20/97		
	96-012	DE		19636460.4-31	9/7/96		
	96-013	DE	Connecting terminal	97111592.8	7/9/97	59702599.1-08	11/8/00
	96-013	DE	Connecting terminal	19642445.3-34	10/14/96	19642445	3/5/98
	96-016	DE	Plug connection for high speed transmission	19643848.9-35	10/30/96		
	96-017	DE		19650007.9-31	11/23/96		
	96-018	DE	Clamping device	97118901.4	10/30/97		
	96-018	DE	Clamping device	19650017.6-34	11/22/96	19650017	4/9/98
	96-019	DE	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	59709147.1-08	1/15/03

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-019	DE	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	19651196.8-34	12/10/96	19651196	10/8/98
	96-020	DE	Terminal, isolating or connecting strip	29724462.0	12/5/97	29724462.0	6/21/01
	96-021	DE	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	97118903.0	10/30/97	59704008.7-08	7/11/01
	96-021	DE	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	19654594.3-34	12/20/96		
	96-023	DE		19620082.2-34	5/20/96	19620082	3/26/98
	96-025	DE	Wall for the casing or the door of a cabinet, especially for electric or electronic assemblies	29609776	6/1/96	29609776	10/10/96
	96-025	DE	Wall for the casing or the door of a cabinet, especially for electric or electronic assemblies	97108562.6	5/28/97	59702946.6-08	1/24/01
	96-026	DE		29618527	10/24/96	29618527	3/13/97
	97-001	DE	Wire guiding device	29702208.3	2/10/97	29702208.3	3/5/98
	05-003	DE	Pressure module	102005012370.8-09	3/9/05	102005012370	6/1/06
	97-002	DE	Outdoor housing	98102656.0	2/17/98	59801276.1-08	8/29/01
	97-002	DE	Outdoor housing	19709460.0-34	3/7/97	19709460	4/1/99
	97-003	DE	Protection Plug	19710183.6-34	2/28/97	19710183	8/6/98
	97-003	DE	Protection Plug	98102655.2	2/17/98	59800007.0-08	6/9/99
	97-004	DE	Method for RF shielding of components on printed circuit boards and clamping contact for carrying out the method	19710184.4-34	2/28/97		
	97-005	DE		19710185.2-34	2/28/97	19710185	7/16/98
	97-006	DE	Safety device for a casing	19710177.1-34	2/28/97	19710177	7/16/98
	97-007	DE		19708802.3-34	3/5/97	19708802	3/8/01
	97-008	DE	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-008	DE	Arrangement of contact pairs for compensation of near-end crosstalk	19708798.1-35	3/5/97		
	97-009	DE		19711132.7-34	3/7/97	19711132	5/20/98
	97-011	DE	Cable fastening	98102653.7	2/17/98		
	97-011	DE	Cable fastening	19711102.5-34	3/8/97	19711102	12/17/98

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	97-012	DE	Distribution block for telecommunication and data technology	98103424.2	2/27/98		
	97-012	DE	Distribution block for telecommunication and data technology	19711128.9-31	3/10/97	19711128.9	7/30/98
	97-013	DE	Stationary housing with wall elements made of plastic	98103423.4	2/27/98		
	97-013	DE	Stationary housing with wall elements made of plastic	19711980.8-34	3/12/97	19711980	11/8/01
	97-015	DE	Connecting element	19715406.9-34	4/9/97	19715406	8/13/98
	97-016	DE	Overvoltage protection module	98107492.5	4/24/98		
	97-016	DE	Overvoltage protection module	19721047.3-32	5/9/97		
	97-017	DE	Safety Plug (Terminator)	98107586.4	4/25/98		
	97-017	DE	Safety Plug (Terminator)	19722936.0-34	5/23/97	19722936	10/8/98
	97-018	DE	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-018	DE	Overvoltage protection plug with fail-safe device	19722580.2-32	5/30/97	19722580	10/15/98
	97-019	DE	Interface module	98107578.1	4/25/98		
	97-019	DE	Interface module	19724478.5-35	6/4/97	19724478	3/25/99
	97-022	DE		98114148.4	7/29/98		
	97-022	DE		19736705.4-34	8/20/97	19736705	6/24/99
	97-023	DE	Method for designing a telecommunications and data network	98948732.7	8/6/98		
	97-023	DE	Method for designing a telecommunications and data network	19736704.6-35	8/20/97	19736704	2/18/99
	97-025	DE	Casing	19746118.2-34	10/18/97	19746118	9/30/99
	97-025	DE	Casing	98117540.9	9/16/98	59812812.3-08	5/25/05
	97-026	DE	Casing (Unibox)	19746117.4-34	10/18/97	19746117	5/12/99
	97-027	DE		19750547.3-34	11/14/97		
	97-028	DE	Apparatus for connecting cable cores	98119013.5	10/8/98		
	97-028	DE	Apparatus for connecting cable cores	19751699.8-34	11/21/97	19751699	2/14/02
	97-029	DE	PCB module	29722576.6	12/20/97	29722576	4/9/98
	97-030	DE	High Frequency Cable	98964444.8	11/27/98		
	97-031	DE	Electrical power outlet with IDC connections	98121647.6	11/12/98	59808612.9-08	6/4/03

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	97-032	DE	Patch Panel with retractable patch cord	98123266.3	12/7/98		
	98-001	DE	Optical fibre connector	98960871.6	12/8/98		
	98-002	DE	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-002	DE	Support body for an electrical contact arrangement	19803075.4-34	1/28/98	19803075	12/9/99
	98-003	DE	System and method, in particular for setting up telecommunications links	19831279.2	7/13/98		
	98-004	DE	Casing	99101294.9	1/25/99	59911963.2-08	4/27/05
	98-004	DE	Casing	19807293.7-34	2/20/98	19807293	10/14/99
	98-005	DE	Clamping element for cable shielding	99104341.5	3/4/99	59900026.0-08	12/20/00
	98-005	DE	Clamping element for cable shielding	19811476.1-34	3/17/98	19811476	6/2/99
	00-001	DE	Shielding device for terminal blocks	10001553.0-34	1/14/00		
	98-010	DE	Electrical Connector	99107064.0	4/10/99	59912448.2-08	8/24/05
	04-006	DE	Hybrid-Adapter	102004049697.8-51	10/12/04		
	04-016	DE	Cover, in particular for inscription fields	102004061973.5-31	12/23/04		
	98-013	DE	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	59907462.0-08	10/22/03
	98-013	DE	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	19822630.6-09	5/20/98	19822630	9/7/00
	98-016	DE	Connection device	19830707.1-34	7/9/98	19830707	3/30/00
	98-018	DE		19833651.9-34	7/25/98	19833651	1/13/00
	98-020	DE	TL3 Housing	19836887.9	8/14/98		
	98-021	DE	Connection element and tool for fastening a cable shield, in particular to a contact element	19841572.9-34	9/11/98	19841572	4/27/00
	98-022	DE	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-022	DE	Cable manager for multi-core cable	19841356.4-34	9/10/98	19841356	3/16/00
	04-015	DE	Seal for covers for inscription fields	102004061974.3-09	12/23/04	102004061974	4/29/10
	05-002	DE	Connecting socket for a data network	102005012369.4-34	3/9/05		
	98-023	DE	Electrical Connector	99112489.2	7/1/99		
	98-024	DE	Method and circuit arrangement for transmitting data via power lines	19846155.0	10/7/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-024	DE	Method and circuit arrangement for transmitting data via power lines	19849111.5-09	10/24/98	19849111	5/17/01
	98-024	DE	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	02-008	DE	Method and device for coupling optical fibers	10255561.3-51	11/22/02		
	03-005	DE	Conductor connection module for printed circuit boards	10333913.2-34	7/25/03		
	03-008	DE	Housing for glass-fiber plug connectors, and a method for laying glass-fiber cables	10342908.5-51	9/17/03		
	98-025	DE	Shielding device for connection strips in telecommunications and data engineering	99952571.0	10/14/99		
	98-025	DE	Shielding device for connection strips in telecommunications and data engineering	19853837.5-34	11/23/98	19853837	2/24/00
	99-001	DE	Connection element for cable conductor	99121852.0	11/4/99	59900271.9-08	9/19/01
	99-001	DE	Connection element for cable conductor	19900392.0-09	1/8/99	19900392	8/24/00
	03-011	DE	Connection module for telecommunication and data technique	10360105.8-51	12/20/03		
	99-002	DE	Surge arrester mounting unit for telecommunications and data systems equipment	99121037.8	10/21/99		
	99-002	DE	Surge arrester mounting unit for telecommunications and data systems equipment	19900759.4-32	1/12/99		
	99-003	DE		19906465.2-34	2/16/99		
	99-004	DE	Overvoltage protection element	99125286.7	12/18/99		
	99-004	DE	Overvoltage protection element	19907319.8-09	2/20/99	19907319	4/28/05
	99-007	DE	Connector element with closure device	00916921.0	3/10/00		
	99-009	DE	Socket	00110100.5	5/13/00	50013176.7-08	7/19/06
	99-009	DE	Socket	19926332.9-09	6/9/99	19926332	2/1/01
	99-010	DE	Traction relief device for a wire	00110099.9	5/13/00		
	99-010	DE	Traction relief device for a wire	19926347.7-34	6/9/99	19926347-09	10/31/02
	99-014	DE	Frontpanel for LWL-modules	00115726.2-2205	7/21/00		
	99-014	DE	Frontpanel for LWL-modules	19943191.4-51	9/9/99	19943191	9/19/02
	99-015	DE	Housing for installing terminal blocks for telecommunications and data engineering	29916508.6	9/20/99	29916508.6	3/22/01

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	99-016	DE	STC-Module	19956016.1-34	11/22/99	19956016	5/17/01
	99-017	DE	Connecting cable with an electrical plug connection	19959823.1-09	12/10/99	19959823	4/30/03
	99-018	DE	Electrical Connector	00124720.4	11/13/00		
	99-019	DE	Distribution cabinet	19927517.3	6/16/99	19927517	1/31/08
	99-019	DE	Distribution cabinet	99121185.5	10/22/99	59907011.0-08	9/17/03
	AE490	DE	Liquid Resistant Contact System	29722919.2	12/17/97	29722919.2	4/2/98
	AE490	DE	Liquid Resistant Contact System	98250379.9	10/28/98	69825025.7	7/14/04
	E-TO-00029	DE	Modular Plug with Slider Latch	06825360.8	10/2/06	602006006075.0	4/1/09
	E-TO-00036	DE	Enhanced Jack with Plug Engaging Printed Circuit Board	102006032274.6	7/12/06		
	ITRACS001	DE	A System for Monitoring Connection Pattern of Data Ports	00919250	4/5/00	1173811	9/13/06
	ITRACS001	DE	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
	ITRACS001	DE	Data Cable for Monitoring Connection Pattern of Data Ports	06019065.9	4/5/00	1758028	3/17/10
	ITRACS001	DE	A System for Monitoring Connection Pattern of Data Ports	10156685.9	4/5/00	2228728	9/26/12
	JACK024	DE	SEAL FOR AN ELECTRIC CABLE HAVING AN INSULATING SHEATH WRAPPED BY EXPOSED ELECTRICAL CONDUCTORS AND METHOD FOR SEALING THE ELECTRIC CABLE TO A SURROUNDING ENCLOSURE	G9115271.2	12/9/91	G9115271.2	2/20/92
	MP0122	DE	Wraparound Closure Sleeve	P2139445.6	8/6/71	2139445	8/6/71
	MP0196	DE	Method & Apparatus For Splicing Lines	G7531954.9	10/8/75		
	MP0196	DE	Method & Apparatus For Splicing Lines	P2545011.7	10/8/75		
	MP0220	DE	Pressurized Splice Case	P2655534.0	12/8/76		
	MP0220	DE	Pressurized Splice Case	G76383717	12/8/76		
	MP0241	DE	Splice Case With Multiple Cable Adapter	P2747881.5	10/26/77		
	MP0241	DE	Splice Case With Multiple Cable Adapter	G7732905.6	10/26/77		
	MP0245COM	DE	Method For Form Closure Using Ht Recover Sheet Material	P2756021.0	12/15/77		
	MP0245COM	DE	Method For Form Closure Using Ht Recover Sheet Material	G7738325.6	12/15/77		
	MP0252	DE	Method Of Encapsulation	P2821797.2	5/18/78		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0252	DE	Method Of Encapsulation	G7815011.2	5/18/78		
	MP0268	DE	Heat Recoverable Articles And Their Uses	P2915898.3	4/19/79		
	MP0269	DE	Heat Recoverable Closure With Substrate Protective Means	G7915237.7	5/25/79		
	MP0269	DE	Heat Recoverable Closure With Substrate Protective Means	P2921370.5	5/25/79		
	MP0270	DE	Methods For Sealing Closure Members To Substrates	G79238532	8/21/79		
	MP0270	DE	Methods For Sealing Closure Members To Substrates	P29338769	8/21/79		
	MP0279COM	DE	Fiber Optic Waveguide Termination & Method Of Forming Same	G7933713.6	11/29/79		
	MP0279COM	DE	Fiber Optic Waveguide Termination & Method Of Forming Same	P2948157.0	11/29/79		
	MP0283COM	DE	Rail-Less Wraparound And Fastener	P2949173.4	12/6/79		
	MP0283COM	DE	Rail-Less Wraparound And Fastener	G7934405.1	12/6/79	G7934405	7/1/82
	MP0718COM	DE	Corrugated Ht Rec. Tape & Flexible Collar Tee	81302605.1	6/11/81	0042262	6/5/85
	MP0757	DE	Air Vent Assembly	82300555.8	2/3/82		
	MP0766	DE	Fiber Optic Splicing	P3215669.3	4/27/82		
	MP0781COM	DE	Flat Sheet Closure & Method	82304743.6	9/9/82		
	MP0798COM	DE	Fiber Optic Organizer	83300177.9	1/13/83		
	MP0799COM	DE	Paddlecard Terminator	82306555.2	12/8/82	0081389	9/3/86
	MP0838COM	DE	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	83306140.1	10/11/83	3379013.2	1/18/89
	MP0839COM	DE	Optical Fiber Tap	83903730.6	10/24/83	0125282	8/26/92
	MP0849	DE	Optical Fiber Adhesive Joint Tube - Release Agent	84300771.7	2/7/84	0121988	4/20/88
	MP0850	DE	Optical Fiber Adhesive Joint Tube - Hourglass Shape	84300770.9	2/7/84	0121987	5/2/90
	MP0855	DE	A Mechanical Coupling Assembly And Method Of Using Same	84901659.7	3/29/84	0138986	12/27/90
	MP0855	DE	A Mechanical Coupling Assembly And Method Of Using Same	G8490074.1	3/29/84	8490074.1	10/31/85
	MP0871A	DE	Protective Article	86302209.1	3/25/86	3686074.3	7/22/92
	MP0874	DE	Tube Storage And Delivery Device	84306793.5	10/5/84	0145153	11/5/86
	MP0889	DE	Method And Apparatus For Determining Attenuation Across Optical Fiber Splice	84307314.9	10/24/84		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0899	DE	Light Launch Detection & Splicing Devices For Loose Tube Buffered Optical Fiber	85300528.8	1/25/85		
	MP0900	DE	Wraparound Article	84308644.8	12/12/84	0147130	8/7/91
	MP0995COM	DE	Optical Fiber Termination	85308204.8	11/12/85		
	MP0997	DE	Center Conductor Closure	85308790.6	12/3/85	P3570021.1	5/3/89
	MP1018	DE	Splice Case	86300045.1	1/6/86	P3669961.6	3/28/90
	MP1019	DE	Liner For Making Pressurized Splice Closure	86300833.0	2/6/86	0194040	5/16/90
	MP1027	DE	Closure Including Gel-Filled End Seals	86300835.5	2/6/86	0191609	4/25/90
	MP1045	DE	Drop Wire Branch Article	86301678.8	3/10/86		
	MP1077	DE	Determining Splice Attenuation	86305112.4	7/1/86		
	MP1078	DE	Corrosion Protection Apparatus	86306401.0	8/19/86	0213874	11/19/92
	MP1085	DE	Compression Pressure Indicator	86307415.9	9/26/86		
	MP1092	DE	Optical Fiber Contact And Connector	86309060.1	11/19/86	3689647.0	2/16/94
	MP1093	DE	Optical Fiber Connector	86309059.3	11/19/86	0223608	11/11/92
	MP1097	DE	Apparatus For Relieving A Load Across A Cable Repair Region	86308773.0	11/11/86	0222616	8/26/92
	MP1111	DE	Insulation Displacement Connector For High Axial Strength	87304130.5	5/8/87		
	MP1112	DE	Universal End Plate-Gel Seal	87301044.1	2/5/87		
	MP1125	DE	Optical Fiber Termination Using An Elastic Convex Dam	87304031.5	5/6/87	0245087	7/29/92
	MP1129	DE	Splice Closure System	87903804.0	5/29/87	0269697	7/15/92
	MP1140COM	DE	Strained Distributed Optical Fiber Communication System	87307394.4	8/21/87	0257999	4/28/93
	MP1155	DE	Coaxial Connector Moisture Seal	87309383.5	10/23/87	P3787068.8	8/18/93
	MP1177	DE	Optical Fiber Tap Utilizing Reflector	88301189.2	2/12/88	0278775	9/13/95
	MP1184	DE	Alignment And Location Sleeve For Fiber Optic Contacts	88904743.7	3/21/88		
	MP1206COM	DE	Terminal Block	88306146.7	7/6/88		
	MP1210	DE	Annealing Bent Optical Fiber	88306933.8	7/27/88		
	MP1223	DE	Rotary Closure And Grommet	89901178.7	12/8/88		
	MP1238	DE	Telephone Junction Box And Switch Therefor	89902881.5	2/8/89	0408582	4/19/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1239COM	DE	Telecommunication Terminal Block Or Adapter	89903328.6	3/4/89	0403531	1/24/96
	MP1240	DE	Telecommunications Terminal Block	89902605.8	2/17/89	0402374	1/25/95
	MP1243	DE	Cable Sealing Apparatus	89904715.3	4/4/89		
	MP1254	DE	Optical Fiber Jaw Connector	89905535.4	4/4/89		
	MP1258	DE	Splice Case	89905534.7	4/26/89	0414756	7/27/94
	MP1260	DE	Optical Fiber Termination Coating Dispenser				
	MP1273	DE	Method Of Cable Sealing	89910480.6	9/8/89	0433368	7/20/94
	MP1275	DE	Rotary Connection Strain Relief On Terminal Block	89911333.6	9/19/89		
	MP1286	DE	Coaxial Cable Connector	90908826.2	5/15/90	69031166.4	7/30/97
	MP1293	DE	E-Z-On Connectors	90909963.2	6/8/90	0476056	9/6/95
	MP1340	DE	Optical Bypass Switch	91904351.3	12/20/90	69028314.8	8/28/96
	MP1345COM	DE	Binding Post For Wide Tolerance Caps	90915250.6	9/21/90		
	MP1351	DE	Cable Television Connection System	90312384.2	11/13/90		
	MP1374A	DE	Alarm And Test System For A Digital Added Mail Line	95201384.5	8/1/91	69130779.2	1/13/99
	MP1374A	DE	Alarm And Test System For A Digital Added Mail Line	91914225.7	8/1/91	69115704.9	12/20/95
	MP1374A	DE	Alarm And Test System For A Digital Added Mail Line	97200093.9	8/1/91	69130370.3	10/14/98
	MP1374B	DE	Gel Filled Electrical Connector	93900806.6	12/3/92	69224654.1	3/4/98
	MP1374C	DE	Gel Filled Modular Electrical Connecting Block	94906610.4	1/12/94	69419004.7	6/9/99
	MP1374C	DE	Gel Filled Modular Electrical Connecting Block	98203335.9	1/12/94	69432532.5	4/16/03
	MP1391	DE	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	91918523.1	10/3/91	0552244	12/20/95
	MP1403	DE	Ez Twist Consumer Type Connectors	92908712.0	3/20/92		
	MP1404	DE	Hermaphroditic Gel Closure	92908708.8	3/13/92		
	MP1412	DE	Hinged Gel-Filled Security And Environmental Protection Device	92913286.8	6/8/92	0587748	4/23/97
	MP1514	DE	Environmental Protection Device With Manually Operated Latch Mechanism	95920420.7	5/17/95		
	NC003	DE	Cable Seal	92911309.0	5/1/92	0582652	7/30/97

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC004	DE	Telecommunications Terminal Block	92922043.2	10/5/92	69228261.0	1/20/99
	NC012	DE	Fiber Optic Splice Closure	94902329.5	11/20/93	69331584.9	2/13/02
	NC022	DE	Improved Idc Having Wire Slippage Control	97937300.8	8/14/97	69707893.0	10/31/01
	NC044	DE	Fiber Optic Splice Closure Including Side Pivoting Slack Storage Holder And Associated Methods	99971929.7	11/12/99	69914221.0	1/14/04
	NC047	DE	Bulbous Configured Fiber Optic Splice Closure And Associated Method	00935820.1	3/29/00	60001453.3	2/19/03
	SG004	DE	Pressurized Telecommunications Cable Joint Heat Shrinkable Around Split Canister, To Form Hollow Cylinder	85905379.5	10/25/85	3586655.1	9/16/92
	VPC-017	DE	Printed Circuit for Modular Plug	99204290.3	12/13/99	1014513	5/31/06
	VPC-021	DE	Modular Plug Having Improved Crosstalk Characteristics	99204490.9	12/22/99	69923828.5	2/23/05
02316.3882DEEP	E-TO-00009	DE	Electrical Connector with Crosstalk Compensation	05849935.1	12/16/05	602005006847.3	5/14/08
02316.3883DEEP	E-TO-00028	DE	Duplex Plug Adapter Module	06769906.6	4/27/06	602006004204.3	12/10/08
02316.3887EPWO	E-TO-00088	DE	Receptacle with Crosstalk Optimizing Contact Array	07752799.2	3/9/07	1997195	5/6/15
02316.3888DEWO	E-TO-00089	DE	Electrical Connector Having Staggered Contacts	112007001183.1	5/15/07		
02316.3915DEEP	E-TO-00205	DE	Electrical Connector With a Compliant Cable Strain Relief Element	09767072.3	6/18/09	602009017837.7	8/7/13
02316.3918DEEP	E-TO-00223	DE	Cassette for Use Within a Connectivity Management System	10709590.3	2/24/10	2401792	4/9/14
100.0070/01		DE	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	29724878.2	11/29/04		
2316.1006/01		DE	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	60036855.6	10/24/07	1142348	10/24/07
2316.1011/I2		DE	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	00939275.4	2/16/00	60006791.2	11/26/03
2316.1011/I4		DE	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	00964881.7	5/25/00	1185897	12/13/06
2316.1066/I1		DE	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	01964308.9	8/22/01	1368685	10/6/10
2316.1687/I1		DE	COUPLER FOR CABLE TROUGH	03745587.0	3/21/03	1490937	5/5/10
2316.1834/I1		DE	PATCH PANEL WITH MODULES	05724516.9	3/2/05	1733568	12/1/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1838/P2		DE	FIBER ACCESS TERMINAL	05728278.2	3/8/05	1730564	11/11/09
2316.1904/I1		DE	Cross-connect method and apparatus	96908749.3	3/19/96	0815622	5/14/03
2316.2295/I1		DE	SYSTEMS AND METHODS FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT	08000126.6	1/4/08		
2316.2295/I1		DE	FRAME FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT AND ASSOCIATE METHODS	10180636.2	11/17/04	602004044657.2	3/19/14
2316.2295/I1		DE	FRAME FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT AND ASSOCIATE METHODS	10180735.2	11/17/04	602004038693.6	7/25/12
2316.2298/U1		DE	OPTICAL FIBER DROP TERMINAL	10178297.7	11/2/05	602005040699.9	7/31/13
2316.2584/P2		DE	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	08837186.9	8/5/08	2176696	4/23/14
2316.2584/P4		DE	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	08799151.9	9/4/08	602008018250.9	8/22/12
5487.225.WO	E-TO-00027	DE	Optical Fiber Repair Apparatus with Adjustable Guide Member and Methods for Using the Same	06740128.1	3/30/06	602006014127.0	5/5/10
5487.241.WO	E-TO-00086	DE	Optical Fiber Clips, Random Access Management Systems Including Clips and Methods for Using the Same	06826501.6	10/23/06	602006027086.0	1/11/12
TYCEO/P32112EP	NC059	DE	Low Profile Optical Fibre Network Interface Enclosure	01204160.4	10/30/01	60116952.2	2/1/06
16012		DE	DIVERGENT LOAD BAR	789939	9/8/95	69510464.0	6/23/99
16121		DE	WIRE CONNECTING SYSTEM	826251	4/4/96	69606031.0	1/5/00
16194		DE	PATCH CARD ASSEMBLY	835535	6/27/96	69605921.5	12/29/99
16120		DE	MODULAR JACK SUBASSEMBLY FOR USE IN A NETWORK OUTLET	842554	8/5/96	69602447.0	5/12/99
16196		DE	WIRE STUFFER CAP/STRAIN RELIEF FOR COMMUNICATION NETWORK OUTLET	852825	9/25/96	69602455.1	5/12/99
16463		DE	NON-OHMIC ENERGY COUPLING FOR CROSSTALK REDUCTION	883977	2/26/97	69703482.8	11/8/00
16446		DE	PATCH PANEL HAVING SNAP TOGETHER CONSTRUCTION	97927680.5	5/21/97	69714476.3	7/31/02
40758		DE	CONNECTOR CABLING TERMIINATOR	99100687.5	1/15/99	69927662.4	10/12/05
17243		DE	MODULAR PLUG HAVING A CIRCUIT BOARD	99305018.6	6/25/99	69939297.7	8/13/08
17153		DE	MULTI CHANNEL FIBER OPTIC CONNECTOR WITH SINGLE ATTACHED LATCH	99917616.7	4/16/99	69921642.7	11/3/04
WR135		DE	Cable Connector	91103281.1	3/5/91	0447869	9/21/94
WR135		DE	Cable Connector	P4008739.5	3/19/90		
61015		DE	RF MODEM WITH IMPROVED BINARY TRANSVERSAL FILTER	87309417.1	10/26/87	3778838.8	5/6/92
61021		DE	PACKET NETWORK TIMING ANALYZER	89312929.6	12/11/89	68917701.1	8/24/94
13621		DE	LOCAL AREA NETWORK INTERFACE	8718099.5	6/11/87	8718099.5	1/13/94
13621		DE	LOCAL AREA NETWORK INTERFACE	94201482.0	6/11/87	3751961.1	11/20/96

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
13621		DE	LOCAL AREA NETWORK INTERFACE	94201481.2	5/25/94	3751960.3	11/20/96
13621		DE	LOCAL AREA NETWORK INTERFACE	87904196.0	6/11/87	3750980.2	1/11/95
14000		DE	LAN COMMUNICATION SYSTEM AND MEDIUM ADAPTER FOR USE THEREWITH-Communication	88903570.5	3/21/88	3882307.1	7/14/93
14035		DE	MODULAR PLUG COUPLER	88310105.7	10/27/88	3883175.9	8/11/93
14305		DE	CYLINDRICAL INSULATION DISPLACING CONNECTOR	89305747.1	6/7/89	68914340.0	4/6/94
14494		DE	ACCESS FLOORING MODULE	648001	12/6/94	69031574.0	10/8/97
14494		DE	ACCESS FLOORING MODULE	90307221.3	7/2/90	69026000.8	3/20/96
14527		DE	POWER DISTRIBUTION SYSTEM FOR MODULAR FURNITURE UNITS	90115172.0	8/7/90	69026161.6	3/27/96
14528		DE	PLUG-IN OUTLET UNIT FOR MODULAR FURNITURE POWER DISTRIBUTION SYSTEM	90115170.4	8/7/90	69017980.4	3/22/95
14764		DE	INSULATION DISPLACING BARREL TERMINAL	92921645.4	10/7/92	69217645.4	2/26/97
15143		DE	CIRCUIT WIRING DEVICE	92311831.9	12/29/92	69211833.0	6/26/96
15185		DE	TRUNK CABLE FAULT DETECTION AND RECONFIGURATION ARRANGEMENT		7/20/92		
15239		DE	TELEPHONE JUNCTION ENCLOSURE AND SYSTEM FOR SEALING A WIRE OPENING ARRAY	93300810.4	2/4/93	69302294.9	4/24/96
15263		DE	CABLE STRAIN RELIEF FOR A SHIELDED ELECTRICAL CONNECTOR	93107592.3	5/10/93	69304245.1	8/28/96
15396		DE	IMPROVED SHIELDED ELECTRICAL CONNECTOR	587303	8/6/93	69321683.2	10/21/98
15396		DE	IMPROVED SHIELDED ELECTRICAL CONNECTOR	98201173.6	8/6/93	69331959.3	5/22/02
15526		DE	COMMUNICATIONS CONNECTOR TERMINAL ARRAYS HAVING NOISE CANCELLING CAPABILITIES	633632	7/7/94	69423824.4	4/5/00
15544		DE	OVERMOLD STRAIN RELIEF AND SNAG PREVENTION FEATURE	782774	7/14/95	69502201.6	4/22/98
15618		DE	ELECTRICAL CONNECTOR WITH SLOTTED BEAM CONTACT	664575	12/15/94	69417865.9	4/14/99
15626		DE	SPLICE TRAY RACK AND CABINET FOR FIBER OPTIC CABLES	620462	3/15/94	69419554.5	7/21/99
15696		DE	INTERCONNECT ASSEMBLY FOR OPTICAL FIBER PLUGS	647865	9/19/94	69412024.3	7/29/98
15700		DE	NETWORK INTERFACE DEVICE MODULE PROVIDING SEALED CUSTOMER ACCESSIBLE TEST PORT	750823	2/13/95	69512642.3	10/6/99
15736		DE	ENCLOSURE WITH SEALANT FOR SPLICED COAXIAL CABLE	657980	12/8/94	69418156.0	4/28/99
15926		DE	OVERMOLDED FIBER OPTIC CONNECTOR FERRULE CAPILLARY HAVING OCTAGONAL COLLAR	815478	2/29/96	69602832.8	6/9/99
16410		DE	WIRE CARRIER FOR ELECTRICAL CONNECTOR MODULE	96945590.6	12/12/96	69622604.9	7/24/02

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
16439		DE	WIRE CARRIER FOR ELECTRICAL CONNECTOR MODULE	886890	3/6/97	69705395.4	6/27/01
16679		DE	ELECTRICAL CONNECTOR WITH PAIRED TERMINALS	97944460.1	9/25/97	69715221.9	9/4/02
16980		DE	HOUSING FOR OPTICAL FIBRES	4391086.6	3/24/93		
16999		DE	MODULAR PLUG HAVING COMPENSATING INSERT	19853666.6	11/20/98		
17098		DE	AN ELECTRICAL CONNECTOR HAVING AN IMPROVED LATCH MEMBER	19909807.7	3/5/99		
17123		DE	MULTIPLE FIBER SPLICE ELEMENT AND CONNECTOR	98309263.6	11/12/98	69833915.0	3/22/06
17324		DE	TERMINATING WIRE CARRIER MODULE	99305070.7	6/28/99	69938404.4	3/26/08
40057		DE	SHIELDED DATA CONNECTOR	93301280.9	2/22/93	69309749.3-08	4/16/97
40057		DE	SHIELDED DATA CONNECTOR	744791	2/22/93	69329121.4	7/26/00
40108		DE	DATA COMMUNICATION OUTLET KIT	622868	4/28/94	69423381.1	3/15/00
40113		DE	SUBSCRIBER INTERFACE BOX	94305022.9	7/7/94	69431895.7	12/18/02
40174		DE	PATCH PANEL IDC CONNECTOR	669676	12/22/94	69417718.0	4/7/99
40256		DE	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	95118433.2	11/23/95	69522300.3	8/22/01
40363		DE	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	826253	5/14/96	69603184.1	7/7/99
40377		DE	WIRE CUTTING ELECTRICAL CONNECTOR HAVING TEST PROBE ACCESS	829114	5/22/96	69601793.8	3/17/99
40415		DE	LOW PROFILE COMMUNICATIONS OUTLET	19641440.7	10/8/96		
40581		DE	SPLICE HEAD FOR TELECOMMUNICATIONS CONNECTORS	19782039.5	10/28/97	19782039	6/6/07
40881		DE	CAT7 MODULAR JACK AND PLUG	19956106.0	11/22/99	19956106.0	2/3/11
40886		DE	Electrical Plug Connector for Data Communications Apparatus has Diagonal Spring Sections of Plug Socket Signal Lines Contacted by Inserted Plug Signal Lines with Earth Potential Line on Outside of Plug Contacting Socket Earth Potential Line	10000016.9	1/3/00	10000016.9	2/17/11
4935		DE	MODULAR TELEPHONE PLUG	831538.6	5/25/83		
68016		DE	FIBER OPTIC ATTENUATOR	93907355.7	3/8/93		
8413		DE	ELECTRICAL TERMINALS FOR FLAT TWO-CONDUCTOR LEAD IN WIRE	7430559.2	9/11/74		
8413		DE	ELECTRICAL TERMINALS FOR FLAT TWO-CONDUCTOR LEAD IN WIRE	2443437.5	9/11/74		
G025		DE	Wraparound Sleeve With Pressure Relief Value	G8312495.0	4/28/83		
G065		DE	Branch Off Seal For Catv Box Cover	P3928187.6	8/25/89		
G066		DE	Field Settable Attenuation For Catv Box	P4002811.9	1/31/90		
WR001		DE	Insulating Sleeve For Solder-Free Joint	P1765330.4	5/2/68	1765330.4	10/12/72
WR002		DE	Solder-Free Crimp	P1935547.6	7/12/69	1935547.6	4/10/80
WR003		DE	Pressurizable Cable End Cap	P1963730.0	12/19/69	1963730.0	6/1/78
WR004		DE	Cable Support	P2008542.1	2/24/70	2008542.1	8/30/79
WR005		DE	Test Circuit For Telephone Calbes	P2052987.7	10/28/70	2052987.7	5/7/75

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR006		DE	Crimp Connector	P2134715	7/12/71		
WR007		DE	Radi Type Closure	P2131830.9	10/26/71		
WR008		DE	Apparatus For Solderless Splicing	P2246151.4	9/20/72		
WR009		DE	Time Delay Measurement	P2321018.6	4/26/73	2321018	9/16/76
WR010		DE	Electronic Control/Measurement	P2357693.4	11/19/73		
WR011		DE	Cable Sheath Cutter	P2402377	1/18/74	2402377.6	9/22/77
WR012		DE	Branch-Off Clip/Tool	P2413623.0	3/21/74	2413623	8/2/84
WR013		DE	Parallel Cable Junction Box	P2413623.0	3/21/74	2413623.0	8/2/84
WR013		DE	Parallel Cable Junction Box	P2462977	3/21/74		
WR014		DE	Cable Joint Assembly				
WR014		DE	Cable Joint Assembly				
WR014COM		DE	Cable Joint Assembly	P2626510.1	6/12/76	2626510.1	3/4/82
WR014COM		DE	Cable Joint Assembly	P2542508.5	9/24/75		
WR014COM		DE	Cable Joint Assembly	G7530187	9/24/75	7530187	8/2/84
WR014COM		DE	Cable Joint Assembly	G7618769.4	6/12/76		
WR015		DE	Cable Holder	G7617088.2	5/28/76	7617088.2	
WR017		DE	Wraparound-Rails With Helical Stitching	P2653940.2	11/27/76	2653940.2	11/14/85
WR018		DE	Cable Joinder Assembly-Sleeve Heads Wholly Inside-Out	P2655548.6	12/8/76	2655548.6	3/27/86
WR019		DE	Cable Sleve Assembly-Wraparound Sleeve Heads	P2731578.2	7/13/77	2731578.2	4/16/81
WR020		DE	Rail And Channel - Rails By Sleeve Around Slottes Edge Clamps	P2739330.2	9/1/77	2739330.2	4/24/80
WR021		DE	Cardboard Liner	G7805026	2/20/78	G7805026	8/3/78
WR021		DE	Cardboard Liner	P2807154.7	2/20/78	2807154.7	8/1/85
WR022		DE	Wraparound As Wr020 But Edge Clamps Segmented	P2816623.6	4/17/78	2816623.6	10/16/80
WR023		DE	Does Not Exist				
WR024		DE	Omega Wraparound				
WR024		DE	Omega Wraparound				
WR024COM		DE	Inside Out Omega Wraparound	P2927878.2	7/11/79	2927878.2	4/1/82
WR024COM		DE	Inside Out Omega Wraparound	G7907121.9	3/14/79	7907121.9	4/16/81
WR024COM		DE	Inside Out Omega Wraparound	2909979.4	3/14/79	2909979.4	
WR024COM		DE	Inside Out Omega Wraparound	G7917771.0	7/11/79	7917771.0	10/21/82
WR026		DE	Gas Valve	P2943996.1	10/31/79		
WR027		DE	Cable Sheath Cutter	G7935321	12/15/79	G7935321	6/19/81
WR028		DE	Device For Laying Cables Through Walls	G7705153	2/19/77	G7705153	5/26/77
WR029		DE	Cable Stand For Splicing	G8018667	7/11/80	8018667	10/16/80
WR030		DE	Pull-Wire	G8028917	10/30/80		
WR030		DE	Pull-Wire	P3040863.0	10/30/80	2040863.0	7/15/82
WR031		DE	Catv Box ; Moulded Parts	G8028918.5	10/30/80		
WR031		DE	Catv Box ; Moulded Parts	P3040864.1	10/30/80		
WR031		DE	Catv Box ; Moulded Parts	81105584	7/16/81		
WR032		DE	Co-Ax Cable End Cap With Resistor	P3102365.7	1/24/81	3102365	8/13/87

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR032		DE	Co-Ax Cable End Cap With Resistor	G8101772.3	1/24/81	8101772	9/18/86
WR033		DE	Clip-Adhesive Central Leg	G8104148.9	2/14/81		
WR033		DE	Clip-Adhesive Central Leg	P3105471.4	2/14/81	3105471	5/11/89
WR034		DE	Gas Burner	P3118011.6	5/7/81		
WR035		DE	Cable Marker Plate	P3118766.8	5/12/81		
WR035		DE	Cable Marker Plate	82103744	5/3/82		
WR036		DE	Coax Cable Stub With End Cap With Resistor	G8117839.5	6/19/81	8117839.5	9/10/81
WR037		DE	End Seal For Catenary Cable	G8118563.4	6/26/81	8118563.4	9/17/81
WR038		DE	Axially Shrinkable Socket For Radi Base	P3125044.0	6/26/81		
WR038		DE	Axially Shrinkable Socket For Radi Base	G8118582	6/26/81		
WR039		DE	Apple-Core Branch-Out	G8120430.2	7/13/81	8120430.2	10/1/81
WR039		DE	Apple-Core Branch-Out	P3127567.2	7/13/81	3127567.2	8/22/85
WR040		DE	Catv Box: Split Shells And Entry Plugs. Assigned To Rose.	P3127867.1	7/15/81	3127867.1	4/10/86
WR040		DE	Catv Box: Split Shells And Entry Plugs. Assigned To Rose.	G8120674	7/15/81	8120674	7/12/84
WR041		DE	Catv Box - Set. Assigned To Rose	P3127869.8	7/15/81	3127869	7/2/87
WR041		DE	Catv Box - Set. Assigned To Rose	G8120675	7/15/81	8120675	7/12/84
WR042		DE	Coax Cable Connector: Centering Flange And Moisture Seal. Assigne To Rose 1988.	G8120713.1	7/15/81	8120713.1	9/24/81
WR043		DE	S.C.O.P.	G8125727.9	9/4/81	8125727.9	12/17/81
WR044		DE	Optical Fibre Organizer	P3136738.0	9/16/81	3136738	12/9/90
WR044		DE	Optical Fibre Organizer	G8127040	9/16/81		
WR045		DE	Inside-Out Moulded End Part	82105976.3	7/5/82	0080016	6/12/85
WR045		DE	Inside-Out Moulded End Part	G8134162.8	11/24/81	G8134162	4/11/85
WR045		DE	Inside-Out Moulded End Part	P3146457.2	11/24/81		
WR046		DE	Cable Block	G8136648.5	12/16/81	8136648.5	3/25/82
WR047		DE	Torch	G8136981.6	12/18/81		
WR047		DE	Torch	P3150226.1	12/18/81		
WR048		DE	Electrical Test Circuit	P3206670.8	2/25/82		
WR049		DE	Duct Seal	G8210258.9	4/10/82		
WR049		DE	Duct Seal	P3213414.2	4/10/82		
WR050		DE	Temporary End Cap For Coax Cable	P3213982.9	4/16/82	3213982	5/18/89
WR050		DE	Temporary End Cap For Coax Cable	G8210738	4/16/82		
WR051		DE	Torch	G8210724.6	4/16/82	8210724.6	6/24/82
WR052		DE	Torch	G8215541.0	5/28/82	8215541.0	7/29/82
WR053		DE	Coax Cable Coupler With Non-Shrunk End	G8219184.0	7/5/82	8219184.0	9/2/82
WR054		DE	Device For Connecting Cable Cores	G8220212.5	7/15/82	8220212.5	9/15/82
WR055		DE	Device For Introducing Pressure Into A Cable	G8317538.5	6/16/83	8317538	9/18/86
WR055		DE	Device For Introducing Pressure Into A Cable	P3321726.2	6/16/83		
WR056		DE	Device For Applying Adhesive To Cables	P3236173.4	9/30/82	3236173.4	
WR056		DE	Device For Applying Adhesive To Cables	G8227408	9/30/82		
WR057		DE	Cable Fixing	G8231787.9	11/12/82	8231787.9	2/3/83
WR058		DE	Coax Socket With Conducting Crimp Ring	P3302143.0	1/22/83		
WR059		DE	Coax Cable Connector With Spring Contacts.	G8302859.5	2/3/83	8302859.5	6/23/83

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR060		DE	Cable Attachment For Pressure Measurement	G8311174.3	4/15/83	8311174.3	9/15/83
WR061		DE	Feedthrough	84100404	1/17/84		
WR061		DE	Feedthrough	P3318632.4	5/21/83		
WR061		DE	Feedthrough	8315083	5/21/83		
WR062		DE	Device For Fixing Coax Cable To A Housing	G8329128.8	10/8/83	8329128.8	11/24/83
WR063		DE	Connector For Coax Cable	G8331737	11/5/83		
WR063		DE	Connector For Coax Cable	P3340047	11/5/83	3340047	6/22/90
WR064		DE	Meter For Measuring Pressure	G8408074.4	3/16/84	8408074.4	4/26/84
WR065		DE	Identification Marker	P3341110.7	11/3/83		
WR065		DE	Identification Marker	G8332662.6	11/3/83		
WR066		DE	Heat-Pipe	G8414101.8	5/9/84	8414101.8	7/26/84
WR067		DE	Sleeve With End Wire Reinforcement	P3417907.0	5/15/84		
WR067		DE	Sleeve With End Wire Reinforcement	8414732	5/15/84		
WR068		DE	Coax Czble Connector. Assigned To Rose.	G8417688	6/9/84	8417688	7/19/84
WR069		DE	Butt Design Catv Box - One Closure Cap With Separate Hs Sleeves	P3434826.3	9/22/84	3434826.3	3/24/93
WR069		DE	Butt Design Catv Box - One Closure Cap With Separate Hs Sleeves	G8427927.3	9/22/84	8427927	12/6/84
WR070		DE	Wraparound Sleeve	G8429167.2	10/4/84	8429167.2	11/15/84
WR071		DE	Coax Cable Piece With Resistor	G8431567.9	10/27/84	8431567.9	12/6/84
WR072		DE	Feedthrough	G8433142.9	11/13/84	8433142.9	1/3/85
WR073		DE	Device For Splicing Wires	G8433159.3	11/13/84	8433159.3	12/20/84
WR074		DE	Branch-Out X-Filling Piece In Sleeve End				
WR074		DE	Branch-Out X-Filling Piece In Sleeve End				
WR074COM		DE	Branch-Out X-Filling Piece In Sleeve End	P3521366.3	6/14/85	3521366	7/20/89
WR074COM		DE	Branch-Out X-Filling Piece In Sleeve End	G8500934.2	1/16/85	8500934	
WR074COM		DE	Branch-Out X-Filling Piece In Sleeve End	P3501243.9	1/16/85	3501243.9	
WR074COM		DE	Branch-Out X-Filling Piece In Sleeve End	G8517406.8	6/14/85		
WR074COM		DE	Branch-Out X-Filling Piece In Sleeve End	85116244.6	12/19/85	3568918.8	3/15/89
WR075		DE	Hs Coax Cap With Resistor And Wire	G8121847.8	7/25/81	8121847.8	11/26/81
WR076		DE	Probe For Making Electrical Contact With A Cable				
WR076		DE	Probe For Making Electrical Contact With A Cable				
WR076COM		DE	Probe For Making Electrical Contact With A Cable	P3506201.0	2/22/85		
WR076COM		DE	Probe For Making Electrical Contact With A Cable	G8505042	2/22/85	8505042.3	7/31/86
WR076COM		DE	Probe For Making Electrical Contact With A Cable	G8511142.2	4/16/85	8511142.2	8/14/86
WR076COM		DE	Probe For Making Electrical Contact With A Cable	P3513595.6	4/16/85		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR077		DE	Outer Contact For Coax Socket. Assigned To Rose.	P3510089.3	3/20/85		
WR078		DE	Adaptor Sleeve For Coax Cable	P3512952.2	4/10/85		
WR078		DE	Adaptor Sleeve For Coax Cable	G8510599.6	4/10/85		
WR079		DE	Probe For Making Electrical Contact With A Cable Core				
WR079		DE	Probe For Making Electrical Contact With A Cable Core				
WR080		DE	Branch Out: Cross Piece And Adhesive Tape				
WR080		DE	Branch Out: Cross Piece And Adhesive Tape				
WR081		DE	Multi-Part Branch-Off Clip	P3521367.1	6/14/85		
WR081		DE	Multi-Part Branch-Off Clip	G8517407.68			
WR082		DE	S.C.O.P. With Pattern Of Recesses	G8517408.48			
WR082		DE	S.C.O.P. With Pattern Of Recesses	P3521369.8	6/14/85		
WR082		DE	S.C.O.P. With Pattern Of Recesses	86304520.9	6/12/86		
WR083		DE	Splice Case	P3442326	11/20/84		
WR083		DE	Splice Case	G8433978.9	11/20/84		
WR084		DE	Clip With Adhesive Cover To Central Leg	G8517407.6	6/14/85		
WR084		DE	Clip With Adhesive Cover To Central Leg	P3521367.1	6/14/85		
WR085		DE	Pressure-Tight Housing Of Plastics Materials For Cable Coupler Fittings	P3522778.8	6/26/85	3522778.8	12/16/93
WR085		DE	Pressure-Tight Housing Of Plastics Materials For Cable Coupler Fittings	G8518466.7	6/26/85		
WR086		DE	Cable Coupler Comprising Two Coupler Half Shells	G8518465.9	6/26/85		
WR086		DE	Cable Coupler Comprising Two Coupler Half Shells	P3522776.1	6/26/85		
WR087		DE	Multi-Cable Feedthrough Especially For Coax	G8521935.5	7/30/85		
WR087		DE	Multi-Cable Feedthrough Especially For Coax	P3527250.3	7/30/85	P3527250.3	10/2/86
WR087		DE	Multi-Cable Feedthrough Especially For Coax	G9017368.6	12/22/90		
WR088		DE	Extra Shrink Tube Over End Of Shrunk Splice Case	P3527383.6	7/31/85	3527383	2/26/87
WR088		DE	Extra Shrink Tube Over End Of Shrunk Splice Case	G8522047.7	7/31/85		
WR089		DE	Slit Cross-Linked Recoverable Tube	G8522214.3	8/1/85		
WR089		DE	Slit Cross-Linked Recoverable Tube	P3527633.9	8/1/85		
WR090		DE	Fiber Optic Organizer	86110361.2	7/26/86	3665779.4	9/20/89
WR090		DE	Fiber Optic Organizer	P3530162.7	8/23/85		
WR090		DE	Fiber Optic Organizer	G8524181.4	8/23/85		
WR091		DE	Fibre Optic Junction Box For Housing An Organizer	P3530344.1	8/24/85		
WR091		DE	Fibre Optic Junction Box For Housing An Organizer	G8524309.4	8/24/85		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR092		DE	Fibre Optic Junction Box With Guide Channels	P3530625.4	8/28/85		
WR092		DE	Fibre Optic Junction Box With Guide Channels	G8524530.5	8/28/85		
WR093		DE	Temporary Duct Closure With Heat-Shrink And Removable End Cap	G8525706.0	9/10/85		
WR093		DE	Temporary Duct Closure With Heat-Shrink And Removable End Cap	P3532118.0	9/10/85	3532118	11/15/88
WR094		DE		G8527700.2	9/28/85		
WR094		DE		P3534625.6	9/28/85	3534625	9/22/88
WR095		DE	Control Valve	P3538393.3	10/29/85		
WR095		DE	Control Valve	G8530584.7	10/29/85		
WR096		DE	Multi-Channel Duct With Detachable Partitions	P3540365.9	11/14/85		
WR097		DE	Coaxial Cable Adaptor	G8510599.6	4/11/85		
WR097		DE	Coaxial Cable Adaptor	P3512952.2	4/11/85		
WR098		DE		G8602046.3	1/23/86		
WR098		DE		P3602422.8	1/28/86		
WR099		DE		G8603795.1	2/13/86		
WR100		DE	Coaxial Cable Stripper	G8527456.9	9/26/85		
WR100		DE	Coaxial Cable Stripper	P3534299.4	6/26/85		
WR101		DE	Pressure Tight Seal For Catv Box	P3607451.9	3/7/86	3607451	7/7/88
WR101		DE	Pressure Tight Seal For Catv Box	G8606217.4	3/7/86		
WR102		DE	Heat Shrink Radi With Removable Outlets	87301936.8	3/5/87	3782514.3	11/11/92
WR102		DE	Heat Shrink Radi With Removable Outlets	P3607355.5	3/6/86		
WR102		DE	Heat Shrink Radi With Removable Outlets	G8606138.0	3/6/86	8606138.0	6/9/88
WR103		DE		87304348.3	5/15/87		
WR103		DE		G8613260.1	5/15/86		
WR103		DE		P3710755.0	3/31/87		
WR103		DE		P3616423.2	5/15/86	P3616423	9/10/87
WR104		DE		P3622116.3	7/2/86		
WR104		DE		G8617608.0	7/2/86		
WR105		DE	Cable Pulling Cap	G8619467.4	7/19/86		
WR105		DE	Cable Pulling Cap	P3624514.3	7/19/86		
WR106		DE	Breakable Rivet Clasp For Spring Biased Feedthrough	G8705883.9	4/23/87	G8705883	12/17/87
WR107		DE	B Wire Connector	P3708782.7	3/18/87	3708782	1/25/91
WR108		DE	Removable Sealing Plug	G8630379.1	11/13/86		
WR109		DE	Outer Conductor Contact For Coax Cable	G8514904.7	5/21/85		
WR109		DE	Outer Conductor Contact For Coax Cable	3518159.1	5/21/85		
WR110		DE		P3711321.6-3	4/3/87		
WR110COM		DE	Complex Housing For Catv Box. Assigned To Rose.	P3711321.6-3	4/3/87		
WR110COM		DE	Complex Housing For Catv Box. Assigned To Rose.	G8707632.2	5/27/87		
WR111		DE	Complex Housing For Catv Box	G8707632.2	5/27/87		
WR112		DE	Telescopic Duct Seal	3729665.5	9/4/87		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR113		DE	Battery Contact	P3736414.6	10/27/87	3736414	11/10/88
WR114		DE		3710754.2	3/31/87	3710754	6/16/88
WR115		DE	Duct Seal	3800856.4	1/14/88	3800856.4	10/31/90
WR116		DE		3739714.1	11/24/87	3739714	2/23/89
WR117		DE	Design Registration	64MR1281	11/17/87		
WR118		DE	Cable Cutting Tool	P3812862.4	4/18/88		
WR118		DE	Cable Cutting Tool	89105061	3/21/89	68901678.6	6/3/92
WR119		DE	High Frequency Shielded Connection For Coax Cable	89110438.2	6/9/89		
WR119		DE	High Frequency Shielded Connection For Coax Cable	P3823139.5	7/8/88	3823139	11/30/89
WR120		DE	Multi-Outlet Box For Cables	P3825756.4	7/29/88	219514	
WR120		DE	Multi-Outlet Box For Cables	G8906613.8	5/30/89	8906613	9/7/89
WR121		DE	Device For Forming An Interchange Point In A Telecommunications Network	P3839266.6	11/21/89		
WR122		DE	Heat Shrinkable Horseshoes	3840223	11/29/88		
WR123		DE		3831649	6/16/88	3831649	8/1/90
WR124		DE	Cable Contact	3828974	8/26/88		
WR126		DE	Catv Box With Pigtail Leads. Assigned To Rose.	G8717895.8	10/23/90		
WR126		DE	Catv Box With Pigtail Leads. Assigned To Rose.	3732780	9/29/87		
WR126		DE	Catv Box With Pigtail Leads. Assigned To Rose.	G88116287	9/29/87		
WR127		DE	Heatable Shoe Soles	3904603	2/16/89		
WR128		DE	Cable Stripper	3905694	2/24/89	3905694.5	8/15/90
WR129		DE	Device For Sealing Unoccupied Cable Conduits	89104239.2	3/10/89	58908149.7	8/3/94
WR129		DE	Device For Sealing Unoccupied Cable Conduits	P3807457	3/8/88	3807457	4/9/89
WR129		DE	Device For Sealing Unoccupied Cable Conduits	3638732	11/13/86	3638732.0	3/24/88
WR130		DE	Vorrichtung zur Durchführung von Kabeln durch Gebäudewände	G8911802.2	10/4/89		
WR131		DE	Apparatus For Graphical Representation Of Information	4008825.1	3/20/90		
WR131		DE	Apparatus For Graphical Representation Of Information	P3929970.8	9/8/89		
WR132		DE	Mistaken No Allocated			9010903.1	
WR133		DE	Electrical Plug Connector	P3932709.4	9/29/89		
WR133		DE	Electrical Plug Connector	90110859.7	6/8/90		
WR134		DE	Wall Feedthrough For Cables, Conductors, Pipes And The Like				
WR134		DE	Wall Feedthrough For Cables, Conductors, Pipes And The Like	G9014134.2	10/11/90		
WR134		DE	Wall Feedthrough For Cables, Conductors, Pipes And The Like	P3935531.4	10/25/89	3935531	11/29/90
WR136		DE	Cable Splice				
WR136		DE	Cable Splice	P4008740.9	3/19/90	4008740.9	9/20/91
WR137		DE	Connection To Terminal Plate. Similarity To D. Terminator	P4012225.5	4/14/90	4012225	6/20/91

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR137		DE	Connection To Terminal Plate. Similarity To D. Terminator	91907679.4	4/12/91	69122503.6-	10/2/96
WR139		DE		P4025704.5	8/14/90		
WR139		DE		G9109748.7	8/14/90		
WR140		DE	Mechanical Radi Seal	P4029082.4	9/13/90		
WR140		DE	Mechanical Radi Seal	91916615.7	9/12/91	69121576.6	8/21/96
WR141		DE		G9112427.1	10/8/90		
WR141		DE		P4031822.2	10/8/90		
WR142		DE		P4037675.3	11/27/90	4037675.3	1/21/93
WR142		DE		G9017905.6	9/15/92		
WR142		DE		91920407.3	11/27/91		
WR143		DE		P4108755.0	3/18/91	P4108755	3/25/93
WR144		DE		92106836.7	4/22/92	0515960	
WR144		DE		P4118089.5	6/1/91		
WR145		DE	Fibre Optic Housing With Consumer Tap And Lead To Next Consumer I Same Housing.	P4119829.8	6/15/91	P4119829	9/24/93
WR145		DE	Fibre Optic Housing With Consumer Tap And Lead To Next Consumer I Same Housing.	92109429.8	6/4/92	69214071.9	9/25/96
WR145		DE	Fibre Optic Housing With Consumer Tap And Lead To Next Consumer I Same Housing.	G9116665	6/15/91		
WR146		DE	Modified Ezf Connector	G9203261.3	3/11/92		
WR146		DE	Modified Ezf Connector	P4137477.0	11/14/91		
WR147		DE	Modified Ezam Cable Duct Seal For Vault Closure	93902416.2	1/20/93	69305625.8	10/23/96
WR148		DE	Hand Operated Multiple Wire Connector With Guide Slots	G9216606.7	2/12/92	9216606.7	4/22/93
WR148		DE	Hand Operated Multiple Wire Connector With Guide Slots	P4204038.8	2/12/92	P4204038	4/1/93
WR149		DE		P4204579.7	2/15/92	4204579	2/3/94
WR150		DE		P4205688.8	2/25/92	4205688	1/20/94
WR151		DE		P4142586.3	12/21/91	4142586	7/28/94
WR152		DE	Wall Mounted Fibre Optic Box With Extra Housing Spacer To Pr ovide Space For Subsequent Installation Of Further Fibres	P4218378.2	6/4/92	4218378	6/1/94
WR153		DE	Fibre Optic Splice Box With Splice Cassette On Front Opening Plat Of Box	P4218279.4	6/3/92		
WR154		DE	Impermeability Testing Of Cable Splices Using Ultrasound	P4212683.5	4/16/92		
WR155		DE	Silicone Rubber Seal For Box	P4226481.2	8/11/92		
WR156		DE	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	93919538.4	9/14/93	69306588.5-	12/11/96
WR158		DE	Multiduct	G9303451.2	3/11/93		
WR159		DE	Uteic With Ports For In-Line Or Butt Connection	G9303790.2	3/15/93		
WR160		DE	Catv Splitter With Variable Attenuation	94903960.6	1/6/94	69403627.7	6/4/97
WR160		DE	Catv Splitter With Variable Attenuation	P4300177.7	1/7/93	4300177	5/2/96
WR161		DE	Uteic With Stack Of Trays	94919754.5	7/4/94	69406289.8	10/15/97

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR163		DE	Uteic With Dust Flap	94919793.3	7/8/94		
WR164		DE	Uteic Cable Gripper With Self-Centring	94902984.7	1/6/94	69405377.5	9/3/97
WR165		DE	Catv Box For In-Line/Butt Connection	94924359.6	8/23/94	69413990.4	10/14/98
WR166		DE	Shaped Silicone Rubber Seal For Uteic Closure	94924915.5	8/23/94		
WR167		DE		P4334022.9	10/6/93		
WR168		DE		94931106.2	10/27/94		
WR168		DE		P4336849.2	10/28/93		
WR169		DE		P4311755.4	4/8/93		
WR170		DE		P4333067.3	9/29/93	4333067	6/9/95
WR172		DE	Catv Tap With Power Tap-Off	95932823.8	9/26/95		
100.0707		DK	PROVIDING WIRELESS COVERAGE INTO SUBSTANTIALLY CLOSED ENVIRONMENTS	06772594.5	6/8/06	1889420	2/27/13
100.0729		DK	Centrally located equipment for wireless telephone system	99934392.4	2/19/99	1080594	7/27/05
100.0759		DK	BLOSSOM/WILT OR DYNAMIC REALLOCATION IN A DISTRIBUTED FIBER SYSTEM	00303365.1	4/20/00	1047276	6/22/05
100.0937		DK	Distribution of radio-frequency signals through low bandwidth infrastructures	97922450.8	4/18/97	0 894 369	2/18/04
100.0972		DK	Cellular base station with intelligent call routing	96913256.2	4/29/96	0 824 836	7/11/01
100.1152		DK	Generator for Producing a High Frequency, Low Noise Signal	970925866	5/23/97	0901713	4/19/00
100.1152		DK	Generator for Producing a High Frequency, Low Noise Signal	DK199709258 66T	5/23/97	DK901713TT 3	9/25/00
2316.0172		DK	OPTICAL SWITCH	1866/89	4/18/89		
2316.0786		DK	FIBER CONNECTOR AND ADAPTER	03004353.3	5/14/98	1331496	1/4/06
2316.0786		DK	FIBER CONNECTOR AND ADAPTER	98922274.0	5/14/98	0 983 525	7/9/03
2316.0786		DK	FIBER CONNECTOR AND ADAPTER	99944053.0	9/1/99	1114346	6/27/07
2316.1787		DK	FIBER OPTIC CONNECTOR HOLDER AND METHOD	09011819.1	9/16/09	2138878	3/25/15
2316.1863		DK	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	05771738.1	6/13/05	1766452	8/4/10
2316.1912		DK	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	08008856.0	5/14/08	1962519	9/29/10
2316.1912		DK	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	05 826 135.5	11/2/05	1808028	5/14/08
2316.2109		DK	FIBER OPTIC CONNECTOR HOLDER	06788020.3	7/20/06	1913430	1/28/09
2316.2314		DK	FIBER OPTIC SPLITTER MODULE	07749942.4	2/6/07	1987383	5/6/15
2316.2473		DK	FIBER OPTIC CONNECTOR MECHANICAL INTERFACE CONVERTER	08713473.0	1/3/08	2106562	3/11/15
	99-017	DK	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	03-010	DK	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	09-011	DK	Terminal strip	10712336.6	3/26/10	2441128	3/12/14
	00-019	DK	Optical Fibre Connection Housing	01982343.4-1524	9/24/01	1329011	8/31/05
	02-005	DK	Distribution box connection module for telecommunications and data technology	03792214.3-2214	7/18/03	1527503	5/14/14
	08-016	DK	Strain relief means	09761376.4-2216	5/19/09	2288949	4/16/14
	MP0192	DK	Heat-Recoverable Article With Self-Contained Heater	4354/75	9/26/75	148190	11/11/85
	MP0192	DK	Heat-Recoverable Article With Self-Contained Heater	931/84	9/26/75		
	MP1086	DK	Devices Comprising PTC Conductive Polymers	4730/86	10/3/86		
	00-001	DK	Shielding device for terminal blocks	00126936.4	12/8/00	1117158	2/13/08
	00-002	DK	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-004	DK	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-008	DK	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01		
	00-009	DK	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-012	DK	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-013	DK	Connection module	01117086.7	7/13/01		
	00-015	DK	Electrical Connector	01956564.7-2217	7/26/01	1312137	5/25/05
	00-017	DK	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05
	00-018	DK	Plastic patch panel	01985780.4	9/24/01		
	00-020	DK	Distribution cabinet	01919316.8-2214	2/20/01	1264522	8/17/05
	01-004	DK	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	01-005	DK	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	02-003	DK	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	02-004	DK	Device for an optical-fiber connection	03727357.0-1234	4/25/03	1502142	6/28/06
	03-001	DK	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	03-003	DK	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-006	DK	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	03-013	DK	Construction kit for distribution cabinets	04006018.8	3/12/04	1458073	1/3/07
	04-012	DK	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	DK	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	DK	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	DK	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	07-010	DK	Sleeve for optical waveguide cables	08715782.2-1524	2/15/08	2132589	8/3/11
	17968	DK	NETWORK CONNECTION SENSING MODULE	03768701.9	11/5/03	1559277	1/6/10
	75-118	DK		2920/76	6/29/76	144078	4/26/82
	77-122	DK	LSA-Plus Module	2512/78	6/6/78	152467	8/15/88
	78-123	DK	Connection module	385/79	1/30/79	148699	4/21/86
	78-124	DK		1071/79	3/15/79	148860	2/26/90
	78-125	DK		1288/79	3/29/79	154594	12/11/89
	78-126	DK		1496/79	4/10/79	154381	4/10/89
	80-008	DK		1177/81	3/16/81	148863	4/21/86
	80-128	DK	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	665/81	2/16/81	155395	7/31/89
	80-129	DK	A twin contact terminal element	579/81	2/11/81	156860	2/26/90
	80-132	DK	A self supporting terminal element	639/81	2/13/81	159699	4/29/91
	81-135	DK	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	3515/82	8/5/82	164618	7/20/92
	82-030	DK	Modular plug connector	5053/82	12/22/82	158695	2/25/91
	83-040	DK	A terminal strip	1725/84	3/29/84	157224	4/23/90
	83-140	DK	A cable distribution head	609/84	2/10/84	163551	7/27/92
	83-140	DK	A cable distribution head	64/91	1/14/91	164012	10/26/92
	83-142	DK	A heat protection device for over-voltage arrester magazines	2628/84	5/28/84	169370	10/10/94
	83-144	DK		4659/84	9/28/84	163783	8/24/92

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	84-147	DK	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	3266/84	7/3/84	156861	2/26/90
	85-164	DK		3333/86	7/14/86	163696	8/17/92
	86-019	DK	Connector bank for cable wires, in particular for telephone cables	2180/87	4/29/87	165719	5/24/93
	86-064	DK	A casing, particulary a junction-box casing for telecommunications engineering	3680/87	7/15/87	169089	8/8/94
	86-066	DK	Cutting/clamping terminal element for electrical conductors	5817/87	11/5/87	167040	8/16/93
	86-066	DK	Cutting/clamping terminal element for electrical conductors	5817/87	11/5/87	167040	8/16/93
	86-069	DK	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	6329/87	12/2/87		
	87-008	DK	Connector block with normally open or switching contacts	2493/88	5/6/88	171207	7/22/96
	87-077	DK	Device for holding connector banks in telecommunication systems	4680/88	8/19/88	167637	11/29/93
	87-166	DK	Terminal unit for cable pairs in Telecommunication systems	3041/88	6/3/88	167788	12/13/93
	88-006	DK		2131/88	4/19/88	168932	
	88-086	DK	Tool for connecting cable wires	0480/89	2/2/89	167466	11/1/93
	88-088	DK	Protective plug for connector or disconnector banks	0210/89	1/18/89	170191	6/6/95
	88-091	DK	Receiving pre-amplifier for an optical telecommunication line		5/25/89		
	88-095	DK	Contact member of electrical conductors	4661/89	9/21/89	170129	5/29/95
	89-005	DK	Protection plug for connector banks of telecommunication and data systems	90101057.9	1/19/90	0388585	12/21/94
	89-006	DK	Connector banks with voltage surge protection	90250072.7	3/16/90	0399628	6/7/95
	89-008	DK		90111280.5	6/15/90		
	89-010	DK	Wire connector for cable wires, in particular of telecommunication cables	90115668.7	8/16/90	0428832	1/12/94
	89-014	DK		90118446.5	9/26/90	0421253	3/16/94
	89-101	DK	Plug connector	90250004.0	1/4/90		
	89-102	DK	Shield connecting element for a connector bank	90250003.2	1/4/90	03823322	10/6/93
	89-192	DK	Electrical Connector	90122815.5	11/29/90	0445376	4/19/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-002	DK	Voltage limiter	90122922.9	11/30/90	0440905	8/30/95
	90-006	DK	Connecting block for the telecommunication and data technology	91100348.1	1/12/91	0446572	1/11/95
	90-008	DK		91102642.5	2/22/91	0447834	
	90-009	DK	Device for displaying announcements, in particular prices in numerical form	91103873.5	3/14/91	0451528	9/8/93
	90-011	DK	Terminal block for telecommunications systems	91103990.7	3/15/91	0456987	5/6/93
	90-012	DK	Cutting Clamping Contact	91106635.5	4/25/91	0459144	5/24/95
	90-015	DK	Protective circuit and protective device plug for telecommunication installations	91110018.8	6/19/91	0471167	5/25/94
	90-021	DK		91115168.6	9/7/91	0484654	12/5/91
	91-001	DK		91119994.1	11/23/91		
	91-010	DK		92108267.3	5/15/92		
	91-011	DK	Insulation displacement contact terminal	92111624.0	7/9/92	0525457	3/6/96
	91-013	DK	Terminal bank for the telecommunication and data technology	92111854.3	9/9/92	0529267	6/16/99
	91-014	DK	Cutting and clamping sleeve contact	9211972.3	7/14/92	0531664	1/31/96
	91-022	DK	Switching assembly for glass fibre cables of the telecommunication and data technology	92113177.7	8/3/92	0536496	2/11/98
	92-006	DK	Cutting and clamping Terminal Element	93101539.0	2/2/93	0558937	1/3/96
	92-009	DK			2/24/93		
	92-013	DK	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	93106602.1	4/23/93	0582779	1/3/96
	92-014	DK	Split flap display device	93110150.5	6/25/93	0583577	1/3/96
	92-015	DK	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	93112697.3	8/7/93		
	92-019	DK	Method for elctronically labelling articel	93250311.3	11/10/93		
	92-021	DK		93115054.4	9/18/93	0601290	6/4/97
	92-022	DK	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	93114996.7	9/17/93	0601289	11/27/96
	92-024	DK	Signal-connector with capacitive adjustment for improved crosstalk parameters	93113952.1	9/1/93	0598192	1/8/97

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-025	DK	Method and arrangement for optically representing information	93114019.8	9/2/93		
	92-026	DK	Method and arrangement for establishing networks of electro-optical display-field modules	93116523.7	10/13/93		
	93-006	DK		931119488.0	12/3/93		
	93-008	DK	Termination device for the communication and data technique	93119249.6	11/30/93		
	93-009	DK	Distribution device, in particular for the main distribution device of telephone and data lines	93119583.8	12/4/93	0618741	3/18/98
	93-015	DK	Cable branching device	94103854.9	3/14/94	0623832	5/27/98
	93-017	DK	Method for monitoring the filing levels of material of value collection containers	94105657.4	4/13/94		
	93-023	DK	Connection block for high speed transmission in the telecommunication and data system	94108404.8	6/1/94	0637097	9/2/98
	93-028	DK	Clamping Terminal unit	94112249.1	8/5/94	0643454	1/14/98
	93-030	DK	Terminal block	94113179.3	8/24/94	0645841	11/11/98
	93-032	DK	Electrical Plug Connector	94114414.9	9/14/94		
	93-033	DK		94114068.3	9/8/94		
	93-034	DK	Termination unit for telecommunication and data lines	94116632.4	10/21/94		
	93-036	DK	Coupling device between a glass fibre and a dielectric waveguide	94117310.6	11/3/94		
	94-003	DK	Digital electronic Loop Crossconnect & Carrier System	94117980.6	11/25/94		
	94-005	DK	Separation spark gap for limiting the maximum voltage on a surge arrester	94118945.8	12/1/94	0665619	3/5/97
	94-006	DK	Winding cartridge	94108836.1	6/9/94		
	94-007	DK	Insulation displacement contact element	94117060.7	10/28/94	0665614	4/19/00
	94-009	DK		94119809.5	12/15/94	0667650	9/9/98
	94-012	DK	Obliquely disposed insulation displacement contact	95100738.4-2214	1/20/95	0675564	9/30/98
	94-015	DK	Housing for optical components	95102617.8	2/24/95	0679917	1/19/00
	94-018	DK	Automatic distribution device for telecommunication and data lines	95106047.4	4/22/95		
	94-019	DK	Distribution apparatus, particularly for the main distributor of telecommunications or data lines	95107287.5	5/13/95	0689365	1/24/01

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-021	DK	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95105067.3	4/5/95	0690539	7/7/99
	94-022	DK	Electrical Plug Connector	95106785.9	5/5/95	0693801	8/26/98
	94-025	DK	Printed Circuit Board for Connectors	95108378.1	6/1/95	0697804	2/9/00
	94-026	DK	Flip-over Display Module	95109294.9	6/16/95		
	94-027	DK	Manufacturing process for structured metal plating on surfaces	94113917.2	9/6/94	0643153	6/19/96
	94-031	DK	Protection plug	95109298.0	6/16/95	0706194	9/3/97
	94-032	DK	Terminal element	95109771.6	6/23/95	0706234	11/24/99
	94-035	DK	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	95111172.3	7/15/95		
	94-036	DK	Cable protection element	95106431.0	4/28/95		
	94-037	DK	19"Racking system	95106430.2-2207	4/28/95		
	95-006	DK	Electrical Connectors	96105422.8	4/4/96		
	95-009	DK	Switching field	96112250.4-2302	7/30/96	0758792	10/17/01
	95-010	DK	Electrical Connector	96112491.4	8/2/96	0759648	3/26/03
	95-012	DK	Distribution device for telecommunications and data technique	96113135.6	8/16/96		
	95-013	DK	Termination device for the telecommunication and data technique	96114423.5-2209	9/10/96		
	95-016	DK	Terminal block for high transmission rates	96111904.7-2308	7/24/96	0766352	11/29/00
	95-017	DK	Connecting device for telecommunication and data technique	96110940.2-2308	7/6/96		
	95-019	DK	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96113454.1-2209	8/22/96		
	95-020	DK	Automatic re-arrangement and distribution device for telecommunication and data lines	96115100.8	9/29/96		
	95-022	DK	Main distribution frame MDF	96920705.9	6/26/96		
	96-001	DK	Electronic access control and security system	97101244.8	1/28/97		
	96-002	DK	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97101240.6	1/28/97	0797379	9/18/02
	96-005	DK	Management-capable splice cassette	97101253.9	1/28/97		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-006	DK	Earthing module	97104914.3-2308	3/22/97		
	96-007	DK	Termination tool	97104913.5-2308	3/22/97		
	96-011	DK	High density high performance connector	97108131.0	5/20/97		
	96-013	DK	Connecting terminal	97111592.8	7/9/97	0837525	11/8/00
	96-018	DK	Clamping device	97118901.4	10/30/97	0844694	3/1/00
	96-019	DK	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-020	DK	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	96-021	DK	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	97118903.0	10/30/97	0849850	7/11/01
	97-002	DK	Outdoor housing	98102656.0	2/17/98	0863593	8/29/01
	97-003	DK	Protection Plug	98102655.2	2/17/98	0862197	6/9/99
	97-008	DK	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-011	DK	Cable fastening	98102653.7	2/17/98		
	97-012	DK	Distribution block for telecommunication and data technology	98103424.2	2/27/98		
	97-013	DK	Stationary housing with wall elements made of plastic	98103423.4	2/27/98		
	97-016	DK	Overvoltage protection module	98107492.5	4/24/98		
	97-017	DK	Safety Plug (Terminator)	98107586.4	4/25/98		
	97-018	DK	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-019	DK	Interface module	98107578.1	4/25/98		
	97-022	DK		98114148.4	7/29/98		
	97-023	DK	Method for designing a telecommunications and data network	98948732.7	8/6/98		
	97-025	DK	Casing	98117540.9	9/16/98	0910146	5/25/05
	97-028	DK	Apparatus for connecting cable cores	98119013.5	10/8/98		
	97-030	DK	High Frequency Cable	98964444.8	11/27/98		
	97-031	DK	Electrical power outlet with IDC connections	98121647.6	11/12/98	0921611	6/4/03
	97-032	DK	Patch Panel with retractable patch cord	98123266.3	12/7/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-001	DK	Optical fibre connector	98960871.6	12/8/98		
	98-002	DK	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-004	DK	Casing	99101294.9	1/25/99	0938163	4/27/05
	98-005	DK	Clamping element for cable shielding	99104341.5	3/4/99	0944132	12/20/00
	98-010	DK	Electrical Connector	99107064.0	4/10/99	0952635	8/24/05
	98-013	DK	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	DK	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-023	DK	Electrical Connector	99112489.2	7/1/99		
	98-024	DK	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	98-025	DK	Shielding device for connection strips in telecommunications and data engineering	99952571.0	10/14/99	1133814	6/19/02
	99-001	DK	Connection element for cable conductor	99121852.0	11/4/99	1018786	9/19/01
	99-002	DK	Surge arrester mounting unit for telecommunications and data systems equipment	99121037.8	10/21/99		
	99-004	DK	Overvoltage protection element	99125286.7	12/18/99		
	99-006	DK	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07
	99-007	DK	Connector element with closure device	00916921.0	3/10/00		
	99-009	DK	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-010	DK	Traction relief device for a wire	00110099.9	5/13/00		
	99-014	DK	Frontpanel for LWL-modules	00115726.2-2205	7/21/00		
	99-018	DK	Electrical Connector	00124720.4	11/13/00		
	99-019	DK	Distribution cabinet	99121185.5	10/22/99	1047167	9/17/03
	ITRAC S001	DK	A System for Monitoring Connection Pattern of Data Ports	00919250	4/5/00	1173811	9/13/06
	ITRAC S001	DK	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
	MP0766	DK	Fiber Optic Splicing	1858/82	4/26/82		
	MP0850	DK	Optical Fiber Adhesive Joint Tube - Hourglass Shape	551/84	2/8/84		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0855	DK	A Mechanical Coupling Assembly And Method Of Using Same	5650/84	3/29/84	161354	12/2/91
	MP0871A	DK	Protective Article	1353/86	3/24/86	168399	3/21/94
	MP1018	DK	Splice Case	4212/86	12/31/85	164426	11/30/92
	MP1064	DK	Optical Fiber Distribution Network	1839/88	8/6/86		
	MP1258	DK	Splice Case	6634/89	4/26/89	166183	8/9/93
	MP1345COM	DK	Binding Post For Wide Tolerance Caps	90915250.6	9/21/90		
	MP1351	DK	Cable Television Connection System	90312384.2	11/13/90		
	MP1374C	DK	Gel Filled Modular Electrical Connecting Block	94906610.4	1/12/94	0680666	6/9/99
	MP1391	DK	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	91918523.1	10/3/91		
	MP1403	DK	Ez Twist Consumer Type Connectors	92908712.0	3/20/92		
	MP1404	DK	Hermaphroditic Gel Closure	92908708.8	3/13/92		
	NC004	DK	Telecommunications Terminal Block	92922043.2	10/5/92	0685119	1/20/99
	NC012	DK	Fiber Optic Splice Closure	94902329.5	11/20/93	0671021	2/13/02
	NC022	DK	Improved Idc Having Wire Slippage Control	97937300.8	8/14/97	0919073	10/31/01
5487.225.WO	E-TO-00027	DK	Optical Fiber Repair Apparatus with Adjustable Guide Member and Methods for Using the Same	06740128.1	3/30/06	1872164	5/5/10
TYCEO/P32112EP	NC059	DK	Low Profile Optical Fibre Network Interface Enclosure	01204160.4	10/30/01	1203974	2/1/06
14764		DK	INSULATION DISPLACING BARREL TERMINAL	92921641.4	10/7/92	560971	2/26/97
15396		DK	IMPROVED SHIELDED ELECTRICAL CONNECTOR	93306228.3	8/6/93	587303	10/21/98
40108		DK	DATA COMMUNICATION OUTLET KIT	94106690.4	4/28/94		
WR133		DK	Electrical Plug Connector	90110859.7	6/8/90		
WR136		DK	Cable Splice				
WR137		DK	Connection To Terminal Plate. Similarity To D. Terminator	91907679.4	4/12/91		
WR140		DK	Mechanical Radi Seal	91916615.7	9/12/91	0548203	8/21/96
WR142		DK		91920407.3	11/27/91		
WR145		DK	Fibre Optic Housing With Consumer Tap And Lead To Next Consumer I Same Housing.	92109429.8	6/4/92		
WR156		DK	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	93919538.4	9/14/93		
WR160		DK	Catv Splitter With Variable Attenuation	94903960.6	1/6/94		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR163		DK	Uteic With Dust Flap	94919793.3	7/8/94		
WR164		DK	Uteic Cable Gripper With Self-Centring	94902984.7	1/6/94		
WR166		DK	Shaped Silicone Rubber Seal For Uteic Closure	94924915.5	8/23/94		
WR168		DK		94931106.2	10/27/94		
WR172		DK	Catv Tap With Power Tap-Off	95932823.8	9/26/95		
	99-016	DO	STC-Module		11/21/00		
	96-020	DZ	Terminal, isolating or connecting strip	215/97	12/8/97	2365	12/28/02
2316.0786		EA	FIBER CONNECTOR AND ADAPTER	199900958/27	5/14/98		
2316.0786		EA	FIBER CONNECTOR AND ADAPTER	200100273/26	9/1/99	002871	10/31/02
2316.0951		EA	FIBER OPTIC ADAPTER, INCLUDING HYBRID CONNECTOR SYSTEM	200100558/26	11/10/99		
2316.1519		EA	JACK; JACK ASSEMBLY; AND METHODS	200400084	7/9/02	007249	8/25/06
2316.1888		EA	CABLE WITH OFFSET FILLER	200600874	10/14/04		
2316.1888		EA	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	200600875	10/14/04		
2316.1910/WO		EA	Communication wire	200500485	9/8/03	007750	12/19/06
2316.3395		EC	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	IEPI-2014-19047	2/20/13		
2316.3606		EC	Distributed Split Configuration for Multi-Dwelling Unit				
2316.3607		EC	FIELD INSTALLED CONNECTOR HOUSING ASSEMBLY				
	90-006	EC	Connecting block for the telecommunication and data technology	SP-91-720	2/4/91	PI-93-747	4/19/93
	90-012	EC	Cutting Clamping Contact	SP-91-742	5/3/91	PI-2000-034	4/30/93
	90-015	EC	Protective circuit and protective device plug for telecommunication installations	SP-91-760	6/27/91	PI-97-1091	3/13/97
	91-014	EC	Cutting and clamping sleeve contact	SP-92-865	9/11/92	PI-95-885	12/18/95
	95-012	EC	Distribution device for telecommunications and data technique	SP-96-1876	9/19/96	PI-2000-035	12/17/98
	95-013	EC	Termination device for the telecommunication and data technique	SP-96-1878	9/20/96	PI-98-1493	12/17/98
	95-019	EC	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	SP-96-1880	9/23/96		
	96-002	EC	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	SP-97-2058	3/14/97	PI-2000-036	7/14/99
	96-013	EC	Connecting terminal	SP-97-2282	10/8/97	PI-2000-1675	10/6/00

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	97-018	EC	Overvoltage protection plug with fail-safe device	SP-98-2515	5/27/98		
	99-016	EC	STC-Module	SP-2000-3754	11/8/00		
TO-00559		EC	Cable Management System including Splitter/Filter Tray	IEPI-2015-747	7/4/13		
	00-015	EE	Electrical Connector	P200300067	7/26/01	04890	8/23/07
	01-005	EE	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	03-001	EE	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	03-003	EE	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-006	EE	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-012	EE	Slipover distribution cabinet	04713893.8	2/24/04	1597804	1/17/07
	03-013	EE	Construction kit for distribution cabinets	04006018.8	3/12/04		
	04-012	EE	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	EE	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	EE	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	EE	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	98-024	EE	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
2316.1180		EG	DESIGN AND ESTIMATING TOOLS FOR THE DESIGN OF TELECOMMUNICATIONS INFRASTRUCTURE IN A STRUCTURE	225,200	3/1/01		
2316.3395		EG	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	1319/2014	2/20/13		
	03-012	EG		PCT/493/2005	2/24/04	1597804	
	00-004	EG	Duplex connector for fiber clips	377/2001	4/17/01	22413	1/25/03
	00-014	EG	Connecting element and method for making electrical contact with an electrical core without using any tools	878/2001	8/8/01	22588	4/22/03
	01-002	EG	Construction kit and method for creating an electrical cabinet for outdoor use	154/2002	2/6/02	23058	2/14/04
	04-004	EG	Connection module for telecommunications and data technology	PCT252/2007	8/30/05		
	81-135	EG	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	567/82	9/19/82	15496	3/25/87

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	82-030	EG	Modular plug connector	38/83	1/19/82	16125	7/21/86
	83-140	EG	A cable distribution head	128/84	2/22/84	16825	1/1/88
	84-147	EG	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	560/84	9/2/84	16682	6/30/92
	86-019	EG	Connector bank for cable wires, in particular for telephone cables	239/87	4/23/87	18417	2/28/93
	86-064	EG	A casing, particulary a junction-box casing for telecommunications engineering	407/87	7/12/87	18485	6/29/93
	86-069	EG	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	697/87	12/1/87	18486	6/29/93
	87-077	EG	Device for holding connector banks in telecommunication systems	445/88	8/17/88	18533	7/29/93
	88-088	EG	Protective plug for connector or disconnector banks	23/89	1/22/89	18841	6/30/94
	88-095	EG	Contact member of electrical conductors	1297/99	10/18/99		
	89-010	EG	Wire connector for cable wires, in particular of telecommunication cables	671/90	11/11/90		
	90-006	EG	Connecting block for the telecommunication and data technology	136/91	3/9/91	19111	
	90-012	EG	Cutting Clamping Contact	272/91	5/8/91	19568	10/31/99
	90-015	EG	Protective circuit and protective device plug for telecommunication installations	484/91	8/10/91	20263	5/31/98
	91-014	EG	Cutting and clamping sleeve contact	535/92	9/12/92		
	92-013	EG	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	488/93	7/29/93	20120	7/31/97
	93-020	EG	Termination module	376/94	6/25/94	20356	1/31/99
	94-007	EG	Insulation displacement contact element	73/95	1/29/95	20751	1/31/00
	94-012	EG	Obliquely disposed insulation displacement contact	245/95	3/28/95	21407	10/31/01
	95-013	EG	Termination device for the telecommunication and data technique	853/96	9/23/96		
	95-016	EG	Terminal block for high transmission rates	854/96	9/23/96	21205	12/31/00
	95-019	EG	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	855/96	9/23/96		
	96-013	EG	Connecting terminal	760/97	8/2/97	21171	12/31/00

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-020	EG	Terminal, isolating or connecting strip	1311/97	12/8/97	21347	8/29/01
	97-002	EG	Outdoor housing	253/98	3/4/98		
	97-012	EG	Distribution block for telecommunication and data technology	276/98	3/9/98	21268	5/30/01
	97-013	EG	Stationary housing with wall elements made of plastic	280/98	3/11/98	21289	7/31/01
	97-016	EG	Overvoltage protection module	491/98	5/6/98		
	99-006	EG	Device for mounting terminal strips for telecommunication, control power and data technology	323/2000	3/13/00		
	99-017	EG	Connecting cable with an electrical plug connection	1515/2000	12/6/00		
	MP1064	EG	Optical Fiber Distribution Network	424/86	7/10/86		
100.0019		EP	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	01950794.6	7/3/01	1303929	10/12/11
100.0019		EP	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	10011450.3	9/28/10		
100.0043		EP	CIRCUIT AND METHOD FOR SERVICE CLOCK RECOVERY	99903193.3	6/30/00		
100.0045		EP	PHASE LOCK LOOP FOR SYNCHRONOUS REFERENCE CLOCKS	98958521.1	11/10/98		
100.0049		EP	ADDED BIT SIGNALLING IN A TELECOMMUNICATIONS SYSTEM	94919996.2	5/10/94		
100.0051		EP	PERFORMANCE MONITORING AND FAILURE ISOLATION IN A POINT-TO-MULTIPOINT COMMUNICATION NETWORK	94902250.3	11/15/93	0 702 870	9/1/99
100.0054		EP	OPTIMIZATION OF WEIGHTED SIGNAL-TO-NOISE RATIO FOR A DIGITAL VIDEO ENCODER	94919974.9	4/8/94		
100.0056		EP	PROTECTION SWITCHING APPARATUS AND METHOD	94930588.2	10/4/94		
100.0057		EP	CONTROL AND COMMUNICATIONS APPARATUS	94930586.6	10/4/94	0 722 638	12/18/02
100.0058		EP	HYBRID FIBER/COAX VIDEO AND TELEPHONY COMMUNICATION SYSTEM	95933845.0	9/19/95	0 783 809	11/24/99
100.0061		EP	MULTI-POINT TO POINT COMMUNICATION SYSTEM	02076653.1	2/6/96		
100.0061		EP	MULTI-POINT TO POINT COMMUNICATION SYSTEM	96905381.8	2/6/96		
100.0062		EP	METHOD OF COMMUNICATION CHANNEL MONITORING	96905388.3	2/6/96		
100.0083		EP	SYSTEM AND METHOD FOR DISTRIBUTING RF SIGNALS	98931602.1	6/26/98		
100.0099		EP	REDUCING WAITING TIME JITTER	99958750.4	11/2/99		
100.0106		EP	PROTECTION SWITCHING OF VIRTUAL CONNECTIONS	99903296.4	1/22/99		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0108		EP	REDUCED POWER CONSUMPTION IN A COMMUNICATION DEVICE	00922240.7	4/14/00		
100.0113		EP	INTERFACE FOR AN ENTERPRISE RESOURCE PLANNING PROGRAM	00923311.5	4/13/00		
100.0157		EP	HIGH FREQUENCY AMPLIFICATION CIRCUIT	01981470.6	10/10/01	1325556	4/8/09
100.0181		EP	CIRCUIT ARRANGEMENT FOR REDUCING PASSBAND RIPPLE OF A BANDPASS FILTER	99902107.4	1/19/99	1051807	9/10/03
100.0266		EP	TUNING A CAVITY FILTER BASED ON STORED POSITIONAL DATA FOR TUNING MEMBERS	02786477.6	10/23/02	1438764	7/9/08
100.0373		EP	OPTICAL SYSTEM EMPLOYING NEAR-INCOHERENT PROCESSING FOR DISTORTION CORRECTION	96902787-9	1/30/96		
100.0376		EP	METHOD AND APPARATUS FOR FREQUENCY AGILITY IN A COMMUNICATION SYSTEM	96908853.3	3/18/96	0 815 694	10/11/00
100.0381		EP	METHOD AND APPARATUS FOR DETECTING THE COLLISION OF DATA PACKETS	85901239.5	2/14/85	0 172 236	2/14/85
100.0407		EP	SYSTEM AND METHOD FOR ELECTRONICALLY IDENTIFYING CONNECTIONS OF A CROSS-CONNECT SYSTEM	98958012.1	11/17/98		
100.0408		EP	TEST ACCESS SYSTEM AND METHOD FOR DIGITAL COMMUNICATION LINKS	98965473.6	12/23/98		
100.0409		EP	TEST ACCESS SYSTEM AND METHOD FOR DIGITAL CROSS CONNECT COMMUNICATION NETWORKS	00938193.0	6/7/00		
100.0411		EP	TEST ACCESS AND PERFORMANCE MONITORING SYSTEM AND METHOD FOR CROSS-CONNECT COMMUNICATION NETWORK	98966070.9	12/23/98		
100.0414		EP	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	00986369.7	12/14/00		
100.0450		EP	MEASURING AN ERROR RATE IN A COMMUNICATION LINK	03790244.2	12/3/03		
100.0451		EP	DISTRIBUTED DIGITAL SIGNAL SUMMATION AND GAIN CONTROL	03796586.0	12/3/03	1570687	10/19/13
100.0452		EP	DISTRIBUTED DIGITAL ANTENNA SYSTEM	03790242.6	12/3/03	1570626	11/6/13
100.0453		EP	SMALL SIGNAL THRESHOLD AND PROPORTIONAL GAIN DISTRIBUTED DIGITAL COMMUNICATIONS	03809206.0	12/3/03		
100.0515		EP	CONNECTION ARRANGEMENT	95306986.1	10/3/95		
100.0567		EP	SCALABLE DISTRIBUTED RADIO NETWORK	06720156.6	2/1/06		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0572		EP	METHODS AND SYSTEMS OF CATHODIC PROTECTION FOR METALLIC ENCLOSURES	05825480.6	11/3/05		
100.0603		EP	ARRANGEMENT FOR MEASURING CONDITION OF ANTENNA IN MOBILE TELEPHONE SYSTEM	97660123.7	11/20/97		
100.0622		EP	MULTIPLE PORT, FIBER OPTIC CIRCULATOR	99953225	10/19/99		
100.0623		EP	MULTIPLE PORT, FIBER OPTIC ISOLATOR	99955007.2	10/19/99		
100.0624		EP	MULTIPLE PORT FIBER OPTIC COUPLING DEVICE	99969593	10/19/99		
100.0626		EP	FIBER OPTIC DEVICE OPERATING AT TWO OR MORE WAVELENGTHS	01934835.8	2/16/01		
100.0627		EP	FIBER OPTIC ISOLATOR FOR USE WITH MULTIPLE-WAVELENGTH OPTICAL SIGNALS	01916110.8	2/16/01		
100.0629		EP	RETROREFLECTIVE SHEETING MATERIAL, A METHOD OF ITS PRODUCTION AND ITS USE	94928772.6	10/4/94	0 724 740	3/24/99
100.0632		EP	A METHOD OF OPTIMIZING THE POINTS OF OPERATION OF LASERS AND MEANS TO THIS END	99902955.6	1/20/99		
100.0633		EP	A METHOD OF EVALUATING TUNEABLE LASERS	00908197.7	2/15/00		
100.0634		EP	A METHOD OF CHARACTERIZING A TUNEABLE LASER	00909848.4	2/15/00	1166407	10/11/06
100.0635		EP	A METHOD OF CHARACTERIZING A TUNEABLE LASER AND DETERMINING ACTUAL WAVE LENGTH	00909850.0	2/15/00		
100.0682		EP	TUBULAR MEMBRANE VENT	06801714.4	8/17/06	1928759	10/10/12
100.0704		EP	MECHANISM TO UPGRADE SYSTEM CAPABILITY WITHOUT AFFECTING SERVICE	11000537.8	1/24/11		
100.0704		EP	MECHANISM TO UPGRADE SYSTEM CAPABILITY WITHOUT AFFECTING SERVICE	06825025.7	9/18/06		
100.0705		EP	SYSTEMS AND METHODS FOR OPTICAL POWER WINDOW CONTROL	06804272.0	9/28/06		
100.0707		EP	PROVIDING WIRELESS COVERAGE INTO SUBSTANTIALLY CLOSED ENVIRONMENTS	06772594.5	6/8/06	1889420	2/27/13
100.0718		EP	TUNABLE SEMICONDUCTOR LASER WITH INTEGRATED WIDEBAND REFLECTOR	02741078.6	7/4/02		
100.0723		EP	Reverse link antenna diversity in a wireless telephony system	99927221.4	6/4/99		
100.0724		EP	METHODS AND SYSTEMS FOR CONTROLLING OPTICAL POWER ATTENUATION	06816006.8	9/28/06		
100.0729		EP	Centrally located equipment for wireless telephone system	99934392.4	2/19/99	1080594	7/27/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0738		EP	Simulcast with hierarchical cell structure overlay	99911451.5	3/17/99		
100.0739		EP	BROADCAST DOWNLOAD TECHNIQUE	00936123.9	5/19/00		
100.0740		EP	IMPROVED REVERSE PATH AUTOGAIN CONTROL	00936120.5	5/19/00		
100.0742		EP	REMOTE HUB ARRANGEMENT FOR DEPLOYING CELL SITES ESPECIALLY ALONG A CORRIDOR	00303367.7	4/20/00		
100.0755		EP	Multi-Protocol Distributed Wireless System Architecture	01920800.8	3/27/01	1269776	7/1/09
100.0755		EP	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	09162278.7	3/27/01	2094058	1/16/13
100.0755		EP	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	11168006.2	3/27/01	2364056	11/7/12
100.0755		EP	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	10178831.3	3/27/01		
100.0757		EP	Optical simulcast network with centralized call processing	301432.1	2/23/00		
100.0758		EP	GAIN EQUALIZATION FOR OPTICAL FIBER DISTRIBUTION NETWORK	00302035.1	3/14/00		
100.0759		EP	DISTRIBUTED FIBER SYSTEM SUPPORTING SOFT HANDOVER IN CDMA CELLULAR SYSTEM	00303365.1	4/20/00	1047276	6/22/05
100.0760		EP	Architecture for signal distribution in wireless data network	00303366.9	4/20/00		
100.0763		EP	Operations and Maintenance Architecture for Multiprotocol Distributed System	01929028.7	3/29/01	1269691	12/26/07
100.0764		EP	METHOD AND APPARATUS FOR AUXILIARY PILOT SIGNAL FOR MOBILE PHONE LOCATION	03707594	1/28/03		
100.0765		EP	System and method for retransmission of data	03728862.8	5/13/03		
100.0784		EP	SYSTEM AND METHOD FOR ENHANCING THE PERFORMANCE OF WIDEBAND DIGITAL RF TRANSPORT SYSTEMS	07760252.2	4/6/07		
100.0788		EP	SYSTEMS AND METHODS FOR ANALOG TRANSPORT OF RF VOICE/DATA COMMUNICATIONS	07760390.0	4/10/07	2025179	10/28/09
100.0807		EP	METHOD OF IDENTIFYING A DEVICE BY GPS COORDINATES	07868493.3	10/18/07		
100.0814		EP	DELAY MANAGEMENT FOR DISTRIBUTED COMMUNICATIONS NETWORKS	08827432.9	8/13/08		
100.0828		EP	MODULAR WIRELESS COMMUNICATIONS PLATFORM	08728283.6	1/25/08		
100.0846		EP	METHOD AND SYSTEM FOR ENHANCING THE PERFORMANCE OF WIDEBAND DIGITAL RF TRANSPORT SYSTEMS	8744481.6	3/27/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0871		EP	SYSTEM AND METHOD FOR SELECTIVELY REJECTING FREQUENCY BANDS IN WIRELESS COMMUNICATION SYSTEMS	08832713.5	9/17/08		
100.0879		EP	SYSTEMS AND METHODS FOR DOPPLER SHIFT COMPENSATION IN OFDMA COMMUNICATIONS	09734643.1	4/25/09		
100.0879		EP	SYSTEMS AND METHODS FOR DOPPLER SHIFT COMPENSATION IN OFDMA COMMUNICATIONS	12001987.2	4/25/09		
100.0894		EP	MULTIPLE-TRX PICO BASE STATION FOR PROVIDING IMPROVED WIRELESS CAPACITY AND COVERAGE IN A BUILDING	09707749.9	2/6/09		
100.0912		EP	PACKET NETWORK MONITORING DEVICE	97904093.8	1/28/97		
100.0914		EP	METHOD AND SYSTEM FOR PERFORMING ONSITE MAINTENANCE OF WIRELESS COMMUNICATION SYSTEMS	09751279.2	5/19/09		
100.0916		EP	METHOD AND APPARATUS FOR SWITCHING IN A TDD SYSTEM	9798463.7	6/22/09		
100.0921		EP	METHOD AND APPARATUS FOR FRAME DETECTION IN A COMMUNICATIONS SYSTEM	9798462.9	6/22/09		
100.0922		EP	Method and system for distributing multiband wireless communications signals	02394013.3	1/24/02	1227605	1/2/08
100.0924		EP	SYSTEM AND METHOD FOR SYNCHRONIZED TIME-DIVISION DUPLEX SIGNAL SWITCHING	9798461.1	6/22/09		
100.0925		EP	SYSTEM AND METHOD FOR CONFIGURABLE TIME-DIVISION DUPLEX INTERFACE	9798460.3	6/22/09		
100.0937		EP	Distribution of radio-frequency signals through low bandwidth infrastructures	97922450.8	4/18/97	0 894 369	2/18/04
100.0948		EP	System and method for distributing wireless communication signals over metropolitan telecommunication networks	03812773.4	10/14/03		
100.0953		EP	System for and method of for providing dedicated capacity in a cellular network	07796677.8	7/3/07		
100.0954		EP	DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM AND METHODS OF IMPLEMENTING THEREOF	7811395.8	8/7/07		
100.0955		EP	SYSTEM AND METHOD OF PROVIDING REMOTE COVERAGE AREA FOR WIRELESS COMMUNICATIONS	07861833.7	11/8/07		
100.0957		EP	SYSTEM FOR AND METHOD OF CONFIGURING DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM	07861832.9	11/8/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0958		EP	DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM	7853095.3	11/8/07		
100.0961		EP	Multiple antenna cellular network	96941325.1	11/13/96		
100.0962		EP	Wireless private branch exchange	99901480.6	1/14/99	1060569	5/2/02
100.0968		EP	Self-contained masthead units for cellular communication networks	98953787.3	10/21/98	1 025 615	7/3/02
100.0969		EP	Frequency agile transceiver with multiple frequency synthesizers per transceiver	96915386.5	4/29/96		
100.0970		EP	Spread spectrum communication network signal processor	96913257.0	4/29/96		
100.0972		EP	Cellular base station with intelligent call routing	96913256.2	4/29/96	0 824 836	7/11/01
100.0973		EP	CELLULAR NETWORK COMMUNICATION SYSTEM	99945486.1	9/3/99		
100.0974		EP	Method and apparatus for providing intelligent cellular handoff	98903830.2	1/29/98		
100.0976		EP	Cellular private branch exchanges	96915501.9	5/3/96		
100.0977		EP	Configuration-independent methods and apparatus for software communication in a cellular network	96920134.2	5/3/96		
100.0978		EP	HYBRID CELLULAR COMMUNICATION APPARATUS AND METHOD	96916441.7	5/3/96	0 826 292	9/25/02
100.0979		EP	Cellular Adjunct To A Public Wired Network	96915505.0	5/3/96		
100.0982		EP	METHODS AND APPARATUSES FOR AN INTELLIGENT SWITCH	96913934.4	5/3/96		
100.0983		EP	Private multiplexing cellular network	97939649.6	8/27/97		
100.0984		EP	Wireless co-tenant base station	99902267.6	1/14/99		
100.0986		EP	Methods and apparatus for improved base station transceivers	98940927.1	8/17/98		
100.1057		EP	A METHOD OF WAVELENGTH LOCKING AND MODE MONITORING A TUNABLE LASER	00909849.2	2/15/00		
100.1058		EP	A METHOD AND ARRANGEMENT FOR CONTROLLING A TUNEABLE LASER	00946623.6	6/21/00		
100.1059		EP	Method and Device for Local Linking of Optical and Acoustic Signals	960107247	5/8/96	773677	3/13/02
100.1060		EP	METHOD AND DEVICE FOR TUNING THE WAVELENGTH OF AN OPTOELECTRONIC COMPONENT ARRANGEMENT	980965648	10/21/98	1036428	9/26/01
100.1071		EP	METHOD AND APPARATUS FOR DETERMINING AN END OF A SUBFRAME IN A TDD SYSTEM	9808683.8	8/18/09		
100.1072		EP	CLOCK PRIORITY CHAIN LEVEL SYSTEMS AND METHODS	9830973.5	12/1/09		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1075		EP	SYSTEMS AND METHODS FOR MOBILE PHONE LOCATION WITH DIGITAL DISTRIBUTED ANTENNA SYSTEMS	10731977.4	1/11/10		
100.1077		EP	MULTIPLE UP/DOWN CONVERTERS-CHANNELIZED MULTIPLE UP/DOWN PATHS IN A DIGITAL-ANALOG RADIO TRANSCEIVER	10732015.2	1/13/10		
100.1078		EP	METHOD AND SYSTEM FOR DIGITALLY EQUALIZING A SIGNAL IN A DISTRIBUTED ANTENNA SYSTEM	09839471.1	12/21/09		
100.1086		EP	COMPLEX OPTICAL MODULATION FOR REAL TIME COMMUNICATION	9830971.9	12/1/09		
100.1095		EP	METHOD OF INSERTING CDMA BEACON PILOTS IN OUTPUT OF DISTRIBUTED REMOTE ANTENNA NODES	10778228.6	5/18/10		
100.1095		EP	METHOD OF INSERTING CDMA BEACON PILOTS IN OUTPUT OF DISTRIBUTED REMOTE ANTENNA NODES	10778228.6	5/18/10		
100.1107		EP	SYSTEM AND METHOD TO DETERMINE DATA THROUGHPUT IN A COMMUNICATION NETWORK	00968870.6	10/6/00		
100.1108		EP	METHOD AND SYSTEM FOR PERFORMING TIME DOMAIN REFLECTOMETRY CONTEMPORANEOUSLY WITH RECURRENT TRANSMISSIONS ON COMPUTER NETWORK WITH RECURRENT TRANSMISSIONS ON COMPUTER NETWORK	00967277.5	10/3/00		
100.1110		EP	METHOD AND SYSTEM FOR CHARACTERIZING TERMINATIONS IN A LOCAL AREA NETWORK	97933511.4	7/9/97		
100.1111		EP	COMPUTER NETWORK CROSS-CONNECT PANEL PROVIDING PHYSICAL LAYER MONITORING AND METHOD THEREFOR	97946849.3	10/28/97		
100.1112		EP	COMPUTER NETWORK PHYSICAL-LAYER ANALYSIS METHOD AND SYSTEM	99967744.6	12/29/99		
100.1115		EP	AGGREGATION OF PHYSICAL LAYER INFORMATION RELATED TO A NETWORK	10741842.8	2/12/10		
100.1117		EP	AN ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND INTERNET PROTOCOL BACKHAUL	09709404.9	2/6/09		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1118		EP	AN ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND SUPPORTING MULTIPLE-DEVICE RING FOR INCOMING CALLS	09707929.7	2/6/09		
100.1119		EP	AN ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND THE SESSION INITIATION PROTOCOL	09707960.2	2/6/09		
100.1141		EP	DISTRIBUTED DIGITAL REFERENCE CLOCK	11813094.7	7/27/11	2599240	12/17/14
100.1141		EP	DISTRIBUTED DIGITAL REFERENCE CLOCK	14003681.5	10/29/14		
100.1144		EP	SWITCH-STATE INFORMATION AGGREGATION	11793218.6	6/10/11		
100.1145		EP	AUTOMATIC GAIN CONTROL CONFIGURATION FOR A WIDEBAND DISTRIBUTED ANTENNA SYSTEM	11759920.9	10/12/12		
100.1147		EP	Method for Synchronizing the Wavelengths of an Arrangement of Optoelectronic Components	980963448.0	11/12/98	0956625	4/21/04
100.1150		EP	Wavelength tunable Optoelectronic Apparatus	98906845.7	1/26/98	0976183	6/19/02
100.1151		EP	Electro-Optical Material Having a Lamellar Liquid Crystal Structure	97105908.4	4/10/97		
100.1152		EP	Generator for Producing a High Frequency, Low Noise Signal	970925866	5/23/97	0901713	4/19/00
100.1153		EP	DISTRIBUTED ANTENNA SYSTEM (DAS) WITH DELAYED TRANSPORT TO PAIRED ANTENNAS	10741612.5	2/9/10		
100.1154		EP	OPTOELECTRIC MULTI-WAVELENGTH CONSTRUCTION ELEMENT	19950110326	7/3/95	0704946	10/1/03
100.1155		EP	METHOD FOR THE OPTIMUM UTILIZATION OF BASE MATERIAL IN THE MANUFACTURE OF OPTOELECTRONIC COMPONENTS WITH VARIABLE-PERIOD GRATING	960100723	1/19/96	0747739	5/10/06
100.1156		EP	Method for Manufacturing a Calibrated Scale in the Nanometer Range for Technical devices Used for the high Resolution of ultrahigh Resolution Imaging of Structures and Such Scale	96119153.3	11/29/96		
100.1157		EP	Photon Detector and Method of Manufacturing	970924964	5/21/97	0901613	1/23/02
100.1161		EP	INTER-NETWORKING DEVICES FOR USE WITH PHYSICAL LAYER INFORMATION	10741843.6	2/12/10		
100.1161		EP	INTER-NETWORKING DEVICES FOR USE WITH PHYSICAL LAYER INFORMATION	11007151.1	8/30/11		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1162		EP	NETWORK MANAGEMENT SYSTEMS FOR USE WITH PHYSICAL LAYER INFORMATION	10741844.4	2/12/10		
100.1163		EP	MANAGED CONNECTIVITY DEVICES, SYSTEMS, AND METHODS	10741845.1	2/12/10		
100.1169		EP	DISTRIBUTED ANTENNA SYSTEM WITH COMBINATION OF DIGITAL TRANSPORT TO REMOTE UNITS AND HYBRID DIGITAL AND ANALOG TRANSPORT (AKA BI-HYBRID)	11836933.9	10/25/11		
100.1172		EP	SYSTEMS AND METHODS FOR DISTRIBUTED ANTENNA SYSTEM REVERSE PATH SUMMATION USING SIGNAL-TO-NOISE RATIO OPTIMIZATION	11796268.8	6/14/11		
100.1174		EP	DISTRIBUTED ANTENNA SYSTEM USING TIME DIVISION DUPLEXING SCHEME	12843377.8	10/24/12		
100.1178		EP	IDENTIFIER ENCODING SCHEME FOR USE WITH MULTI-PATH CONNECTORS	12763509.2	3/22/12		
100.1186		EP	END-TO-END DELAY MANAGEMENT FOR DISTRIBUTED COMMUNICATIONS NETWORKS	12802489.0	6/13/12		
100.1195		EP	ANTENNA MODULE HAVING INTEGRATED RADIO FREQUENCY CIRCUITRY	12796954.1	6/8/12		
100.1196		EP	DISTRIBUTED ANTENNA SYSTEM ARCHITECTURES	12800117.9	6/13/12		
100.1197		EP	EVOLVED DISTRIBUTED ANTENNA SYSTEM	12804645.5	6/29/12		
100.1207		EP	INTELLIGENT FIBER CABLE MANAGEMENT USER APPLICATION	12852010.3	11/21/12		
100.1209		EP	SYSTEMS AND METHODS FOR A SELF-OPTIMIZING DISTRIBUTED ANTENNA SYSTEM	13820390.6	7/8/13		
100.1209		EP	SYSTEMS AND METHODS FOR A SELF-OPTIMIZING DISTRIBUTED ANTENNA SYSTEM				
100.1223		EP	TIMING ADJUSTMENTS FOR SMALL CELL DISTRIBUTED ANTENNA SYSTEMS	13749159.3	2/12/13		
100.1239		EP	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE	13810693.5	6/25/13		
100.1239		EP	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE				
100.1242		EP	DISTRIBUTED ANTENNA SYSTEM WITH MANAGED CONNECTIVITY	13817139.2	7/11/13		
100.1242		EP	DISTRIBUTED ANTENNA SYSTEM WITH MANAGED CONNECTIVITY				
100.1243		EP	HETEROGENEOUS PHYSICAL LAYER MANAGEMENT SYSTEM	13815986.8	7/11/13		
100.1245		EP	ACTIVE INTEGRATION PANEL	13819765.2	7/17/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1245		EP	ACTIVE INTEGRATION PANEL				
100.1249		EP	FLEXIBLE, RECONFIGURABLE MULTIPOINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT ARCHITECTURE	13857350.6	11/26/13		
100.1250		EP	TIMESLOT MAPPING AND/OR AGGREGATION ELEMENT FOR DIGITAL RADIO FREQUENCY TRANSPORT ARCHITECTURE	13857162.5	11/26/13		
100.1251		EP	FORWARD-PATH DIGITAL SUMMATION IN DIGITAL RADIO FREQUENCY TRANSPORT	13856245.9	11/26/13		
100.1256		EP	MASTER REFERENCE FOR MULTIPLE BASE BAND UNITS SOURCED FROM UNIVERSAL REMOTE RADIO HEAD				
100.1257		EP	UNIVERSAL REMOTE RADIO HEAD				
500.0822		EP	VISUAL DATA INTEGRATION SYSTEM AND METHOD	99917528.4	4/15/99		
1010.8075		EP	METHOD AND APPARATUS FOR THERMALLY COMPENSATING A BIREFINGENT OPTICAL ELEMENT	01988872.6	10/23/01		
1010.8083		EP	APPARATUS AND METHOD FOR CONTROLLING THE OPERATING WAVELENGTH OF A LASER DIODE	02739585.4	5/30/02		
2316.0015		EP	ELECTRICAL CONNECTOR MODULE	82110474.2	11/12/82	0 079 599	11/12/82
2316.0019		EP	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSING	85850253.7	8/1/85	0 197 234	2/27/91
2316.0024		EP	ELECTRICAL JACK	85850121.6	4/4/85		
2316.0038		EP	ELECTRICAL JACK FRAME	81101655.9	3/6/81	0 035 776	7/24/85
2316.0041		EP	ELECTRICAL CONNECTOR APPARATUS	85850356.8	11/5/85	0 181 306	2/17/93
2316.0051		EP	MODULAR DISTRIBUTION FRAME	85850344.4	10/28/85		
2316.0056		EP	ELECTRICAL CONNECTOR APPARATUS	85850355.0	11/5/85	0 181 305	2/27/91
2316.0061		EP	LAMP RECEIVING APPARATUS	86306188.3	8/11/86		
2316.0068		EP	ELECTRICAL CONNECTOR AND METHOD	86850072.9	2/26/86		
2316.0074		EP	MODULAR INTERCONNECT BLOCK WITH PROTECTOR STRUCTURE	86301483.3	3/3/86		
2316.0095		EP	JACK DEVICE	86309708.5	12/12/86	0 230 746	2/22/95
2316.0097		EP	INSERTION TOOL TIPS	86850355.8	10/20/86		
2316.0100		EP	MULTIGAUGE-MULTIWIRE INSULATION DISPLACEMENT TERMINAL	86850356.6	10/20/86		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0106		EP	LOW RF EMISSION FIBER OPTIC TRANSMISSION SYSTEM	87850173.3	5/22/87		
2316.0110		EP	INSERTION TOOL	87102064.0	2/13/87		
2316.0113		EP	TERMINAL ASSEMBLY	87101289.4	1/30/87	0 233 527	11/13/91
2316.0117		EP	ELECTRICAL CONNECTOR	87109653.3	7/4/87		
2316.0118		EP	WIRE DISTRIBUTION APPARATUS	87107085	5/15/87		
2316.0123		EP	OPTICAL FIBER DISTRIBUTION APPARATUS	86307114.8	9/16/86	0 215 668	12/19/90
2316.0143		EP	DELAY COMPENSATED JACK	90300227.7	1/9/90		
2316.0145		EP	JACK ASSEMBLY	90311429.6	10/18/90	0 434 193	
2316.0166		EP	UNITARY BODY OPTICAL COUPLER	85305921.0	8/20/85		
2316.0204		EP	DIGITAL CROSS CONNECT ASSEMBLY	90610032.6	5/4/90		
2316.0212		EP	OPTICAL FIBER STORAGE CONTAINER	90610033.4	5/4/90	0 406 151	1/2/91
2316.0237		EP	FIBER OPTIC CONNECTOR MODULE	91850112.3	5/3/91		
2316.0249		EP	OPTICAL SWITCH ASSEMBLY	90311933.7	10/31/90		
2316.0253		EP	OPTICAL SWITCH WITH REDUCED REFLECTION	91300446.1	1/21/91	0 439 312	7/31/91
2316.0266		EP	METHOD FOR CONSTRUCTING OPTICAL SWITCH	91300445.3	1/21/91		
2316.0288		EP	JACK ASSEMBLY	91850109.9	4/29/91		
2316.0300		EP	PLUG-IN JACK CARD FOR NORMALLY CLOSED CONTACTS	91402605.9	9/30/91	0 486 331	7/24/96
2316.0329		EP	DISTAL DISTRIBUTION FRAME MODULE	91402641.4	10/3/91	0 485 245	5/13/92
2316.0372		EP	MINIATURE COAX JACK MODULE	92915879.8	7/14/92	0 634 061	6/4/97
2316.0372		EP	MINIATURE COAX JACK MODULE	96202654.8	7/14/92	0 755 095	11/2/00
2316.0381		EP	OVERLAPPING FUSION ATTENUATOR	92919167.4	8/27/92	0 694 173	1/31/96
2316.0393		EP	VARIABLE FIBER OPTICAL ATTENUATOR	92919711.9	8/28/92	0 619 889	12/11/96
2316.0454		EP	REAR CROSS-CONNECT DSX SYSTEM	94912250.1	3/17/94	0 706 723	5/13/98
2316.0458		EP	PATCH CORD	94906556.9	1/7/94	0 686 267	4/23/97
2316.0488		EP	HIGH-DENSITY FIBER DISTRIBUTION FRAME	95903533.8	11/16/94	0 740 803	1/27/99
2316.0488		EP	HIGH-DENSITY FIBER DISTRIBUTION FRAME	98112420.9	11/16/94	0 871 047	4/16/03

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0498		EP	JACK MODULE	94925075.7	5/24/94	0 725 988	7/8/98
2316.0580		EP	NON-INVASIVE TESTING OF VIDEO SIGNALS WITH A JACK MODULE AND AMPLIFICATION CIRCUIT	96914742.0	5/22/96		
2316.0691		EP	SWITCHING COAX JACK DEVICE	98913075.2	3/23/98	0 972 320	6/12/02
2316.0706		EP	AMPLIFIER SWITCH CONTROLLER AND SYSTEM	XX	12/9/97		
2316.0709		EP	RF CIRCUIT MODULE	97950905.6	12/8/97		
2316.0753		EP	DSX MODULE WITH REMOVABLE JACK	98908667.3	2/23/98	0 963 620	9/18/02
2316.0777		EP	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	01104552.3	3/5/01	1120866	10/15/03
2316.0777		EP	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	98911988.8	3/23/98	0 972 319	5/22/02
2316.0786		EP	FIBER CONNECTOR AND ADAPTER	03004353.3	5/14/98	1331496	1/4/06
2316.0786		EP	FIBER CONNECTOR AND ADAPTER	98922274.0	5/14/98	0 983 525	7/9/03
2316.0786		EP	FIBER CONNECTOR AND ADAPTER	99944053.0	9/1/99	1114346	6/27/07
2316.0891		EP	REPAIRABLE CONNECTOR AND METHOD	02011684.4	1/5/99	1246316	3/31/04
2316.0891		EP	REPAIRABLE CONNECTOR AND METHOD	99901287.5	1/5/99	1 051 777	5/2/03
2316.0926		EP	OUTSIDE PLANT FIBER DISTRIBUTION APPARATUS AND METHOD	99956479.2	7/26/99		
2316.0942		EP	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	99923237.4	5/20/99	1 084 523	8/6/03
2316.0951		EP	FIBER OPTIC ADAPTER, INCLUDING HYBRID CONNECTOR SYSTEM	99969599.2	11/10/99		
2316.0960		EP	FIBER OPTIC CONNECTOR MODULE	05004299.3	7/14/99		
2316.0960		EP	FIBER OPTIC MODULE	99944994.5	7/14/99	1112521	3/30/05
2316.0974		EP	FIBER OPTIC CABINET AND TRAY	99943934.2	8/25/99	1116062	7/16/08
2316.0974		EP	FIBER OPTIC CABINET AND TRAY	08003076.0	2/20/08		
2316.0988		EP	JACK ASSEMBLY	05016170.2	11/5/99		
2316.0988		EP	JACK ASSEMBLY	07012753.5	11/5/99		
2316.0988		EP	JACK ASSEMBLY	07012754.3	11/5/99		
2316.0988		EP	JACK ASSEMBLY	99960228.7	11/5/99	1145385	3/8/06
2316.1009		EP	DSX MODULE WITH REMOVABLE JACK	00920005.6	3/31/00	1 169 753	5/14/03

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1010		EP	MICROELECTROMECHANICAL OPTICAL SWITCH AND METHOD OF MANUFACTURE THEREOF	00962031.1	8/1/00	1208403	11/17/04
2316.1017		EP	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	00908583.8	2/10/00	1151620	8/26/09
2316.1020		EP	METHOD OF ETCHING A WAFER LAYER USING MULTIPLE LAYERS OF THE SAME PHOTORESISTANT MATERIAL AND STRUCTURE FORMED THEREBY	00962030.3	8/1/00		
2316.1021		EP	METHOD OF ETCHING A WAFER LAYER USING A SACRIFICIAL WALL AND STRUCTURE FORMED THEREBY	00962032.9	8/1/00	1221176	1/14/09
2316.1051		EP	HIGH DENSITY PATCHING SYSTEM	00920235.9	4/11/00	1173981	11/5/08
2316.1171		EP	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	01918654.3	3/14/01	1 273 081	1/17/07
2316.1171		EP	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	07000814.9	1/16/07		
2316.1172		EP	POWER DISTRIBUTION PANEL WITH HEAT SINK	01 924 127.2	3/8/01		
2316.1175		EP	SPLITTER ARCHITECTURE FOR A TELECOMMUNICATIONS SYSTEM	01924848.3	4/9/01	1273181	3/29/06
2316.1196		EP	TELESCOPING TROUGH	01972912.8	5/25/01		
2316.1220		EP	CABLE TROUGH WITH SEPARATE SIDE ELEMENTS	01973523.2	9/25/01	1323220	7/4/07
2316.1220		EP	CABLE TROUGH WITH SEPARATE SIDE ELEMENTS	07012377.3	6/25/07		
2316.1229		EP	LOW PROFILE TELECOMMUNICATIONS JACK WITH LAMP SWITCH	01994036.0	10/30/01		
2316.1247		EP	TUNABLE FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	01988324.8	12/14/01		
2316.1250		EP	CABLE EXIT TROUGH WITH INSERT	01977447.0	10/4/01		
2316.1250		EP	CABLE EXIT TROUGH WITH INSERT	07 001 901.3	1/29/07		
2316.1289		EP	LOW PROFILE CABLE EXIT TROUGH	01987552.5	10/29/01	1372991	4/26/06
2316.1289		EP	LOW PROFILE CABLE EXIT TROUGH	06008427.4	4/21/06		
2316.1348		EP	TELECOMMUNICATIONS JACK SUBASSEMBLY	01993960.2	10/30/01		
2316.1351		EP	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	01986110.3	11/13/01		
2316.1362		EP	DIGITAL SWITCHING CROSS-CONNECT MODULE	03765522.2	7/10/03		
2316.1378		EP	MULTI-CIRCUIT SIGNAL TRANSFORMER	02703205.1	1/23/02		
2316.1397		EP	CARD EDGE COAXIAL CONNECTOR	03714376.5	3/21/03		
2316.1398		EP	SPLITTER ASSEMBLY WITH HIGH DENSITY BACKPLANE BOARD	02742264.1	6/24/02		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1461		EP	HIGH CIRCUIT DENSITY POTS SPLITTER ASSEMBLY	02744561.8	6/24/02		
2316.1475		EP	CABLE STORAGE SPOOL	02726597.4	3/5/02		
2316.1481		EP	DSX JACK INCLUDING SLIDING REAR CONNECTOR	07000813.1	1/16/07	1793454	12/29/10
2316.1481		EP	DSX JACK INCLUDING SLIDING REAR CONNECTOR	02762071.5-1528	4/11/02	1391010	1/24/07
2316.1486		EP	CARD EDGE CONTACT INCLUDING COMPLIANT END	02752723.3	8/6/02		
2316.1570		EP	JACK MODULE	02746989.9	7/11/02		
2316.1599		EP	FIBER TERMINATION BLOCK WITH ANGLED SLIDE	02782279.0	11/7/02	1446691	6/24/09
2316.1605		EP	FRONT ACCESS DSX ASSEMBLY	02780315.4	9/16/02	1437007	2/17/10
2316.1607		EP	APPARATUS AND METHOD FOR POLISHING A FIBER OPTIC CONNECTOR	04705310.3	1/26/04		
2316.1624		EP	TELECOMMUNICATIONS PATCH PANEL	02789638.0	11/13/02		
2316.1637		EP	TRIAXIAL CONNECTOR ADAPTER AND METHOD	03731947.2	1/16/03	1472762	3/18/09
2316.1638		EP	TRIAXIAL CONNECTOR INCLUDING CABLE CLAMP	03705802.1	1/16/03		
2316.1681		EP	FIBER MANAGEMENT MODULE WITH CABLE STORAGE	03731256.8	5/20/03		
2316.1692		EP	REAR ACCESS DSX SYSTEM	03809547.7	10/8/03	1557051	4/9/08
2316.1693		EP	HIGH DENSITY DSX SYSTEM	03809546.9-1237	10/8/03	1557050	7/16/08
2316.1702		EP	CABLE MANAGEMENT ASSEMBLY, SYSTEM AND METHOD	03783490.9	11/12/03		
2316.1722		EP	TERMINATED COAXIAL CONNECTOR	03765430.8	5/7/03		
2316.1724		EP	MEDIA WALL CONVERTER AND HOUSING	03765595.8	7/15/03		
2316.1726		EP	FIBER MANAGEMENT DRAWER AND PATCH PANEL	03765791.3	7/17/03		
2316.1733		EP	SYSTEMS AND METHODS FOR AUTOMATIC ASSIGNMENT OF IDENTIFICATION CODES AND DEVICES	03787203.3	11/25/03		
2316.1737		EP	10/100 MBS NETWORK DEVICE	04784653.0	9/21/04		
2316.1744		EP	HIGH DENSITY PANEL WITH ROTATING TRAY	03752606.8	9/26/03	1557048	3/20/11
2316.1744		EP	HIGH DENSITY PANEL WITH ROTATING TRAY	10171596.9	8/2/10		
2316.1747		EP	POWER DISTRIBUTION PANEL WITH MODULAR INSERTS	03790469.5	12/12/03	1579748	7/29/09
2316.1777		EP	COAXIAL MODULE WITH SURGE PROTECTOR	04712907.7	2/19/04	1600011	1/19/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1780		EP	FIBER CONTAINMENT SYSTEM	04753765.9	5/28/04	1632116	5/25/11
2316.1780		EP	FIBER CONTAINMENT SYSTEM	10171840.1	8/4/10		
2316.1785		EP	TELECOMMUNICATIONS CONNECTION CABINET	04755793.9	6/18/04	1639840	1/25/12
2316.1785		EP	TELECOMMUNICATIONS CONNECTION CABINET	11166490.0	5/18/11	2360937	12/19/12
2316.1787		EP	FIBER OPTIC CONNECTOR HOLDER AND METHOD	09011819.1	9/16/09		
2316.1787		EP	FIBER OPTIC CONNECTOR HOLDER AND METHOD	10181631.2	9/29/10		
2316.1787		EP	FIBER OPTIC CONNECTOR HOLDER AND METHOD	04777037.5	6/23/04		
2316.1793		EP	SLIDE ARRANGEMENT FOR CABLE DRAWER	04778437.6	7/15/04		
2316.1793		EP	SLIDE ARRANGEMENT FOR CABLE DRAWER	10180604.0	9/28/10		
2316.1795		EP	TRIAXIAL BULKHEAD CONNECTOR	04780590.8	8/10/04	1661211	11/2/11
2316.1799		EP	COVER FOR CABLE TROUGH	04795274.2	10/13/04	1680845	12/3/14
2316.1801		EP	FIBER OPTIC CABLE AND FURCATION MODULE	04809652.3	9/1/04	1664878	6/22/11
2316.1801		EP	FIBER OPTIC CABLE AND FURCATION MODULE	10190349.0	11/8/10		
2316.1808		EP	JACK WITH MODULAR MOUNTING SLEEVE	04818332.1	10/29/04		
2316.1811		EP	PATCH PANEL CHASSIS	04800729.8	11/3/04		
2316.1816		EP	MODULE WITH INTERCHANGEABLE CARD	04819053.2	11/3/04		
2316.1822		EP	LONG FRAME HIGH DENSITY PATCHING SYSTEM	05856879.1	7/20/05		
2316.1823		EP	SERVICE BLOCKER DEVICE AND METHOD	05853771.3	12/12/05	1825310	2/27/13
2316.1825		EP	PROTECTIVE BOOT AND UNIVERSAL CAP	05713431.4	2/8/05		
2316.1832		EP	WDM SYSTEMS AND METHODS (CWDM)	05714045.1	2/25/05		
2316.1845		EP	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER AND METHODS	05746278.0	4/11/05		
2316.1850		EP	DSX MODULE WITH PERFORMANCE MONITORING	05773488.1	7/18/05		
2316.1855		EP	POWER SOURCING UNIT FOR POWER OVER ETHERNET SYSTEM	05746997.5	5/9/05		
2316.1863		EP	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	05771738.1	6/13/05	1766452	8/4/10
2316.1863		EP	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	10183098.2	9/30/10	2261713	3/20/13
2316.1863		EP	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	10158615.4	3/31/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1868		EP	HIGH DENSITY COAXIAL SWITCHING JACK	06740656.1	4/7/06		
2316.1869		EP	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	05819650.2	9/9/05		
2316.1874		EP	WDM SYSTEMS AND METHODS	05802486.0	9/8/05		
2316.1888		EP	CABLE WITH OFFSET FILLER	04795260.1	10/14/04	1687833	10/2/13
2316.1888		EP	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	04795223.9	10/14/04		
2316.1889		EP	METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS	05713878.6	2/18/05	1719261	2/6/13
2316.1891		EP	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	05713874.5	2/18/05		
2316.1892		EP	Cable with twisting filler and shared sheath	02762113.5	4/16/02		
2316.1894		EP	Tuned patch cable	00932775.0	5/25/00	1212758	8/13/08
2316.1895		EP	Low delay skew multi-pair cable and method of manufacture	00937777.1	5/25/00		
2316.1896		EP	Optimizing lan cable performance	00937782.1	5/24/00		
2316.1897		EP	Cable assembly with molded stress relief and method for making the same	00932774.3	5/25/00		
2316.1899		EP	Modular Jack with wire management	04751933.5	5/11/04		
2316.1906		EP	Cable with twisting filler	99943653.8	8/6/99		
2316.1911		EP	OUTSIDE PLANT FIBER OPTIC CABLE WITH THERMAL PROTECTION	05848522.8	10/31/05		
2316.1912		EP	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	08008856.0	5/14/08	1962519	9/29/10
2316.1912		EP	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	05 826 135.5	11/2/05	1808028	5/14/08
2316.1912		EP	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	10174170.0	8/26/10		
2316.1951		EP	CABLE MANAGEMENT ASSEMBLY, SYSTEM AND METHOD	06740225.5	3/30/06		
2316.1954		EP	TELECOMMUNICATIONS CABLE JACKET ADAPTED FOR POST-EXTRUSION INSERTION OF OPTICAL FIBER AND METHODS FOR MANUFACTURING THE SAME	06734796.3	2/9/06		
2316.1955		EP	LOW SHRINK TELECOMMUNICATIONS CABLE AND METHODS FOR MANUFACTURING THE SAME	06718206.3	1/13/06		
2316.2069		EP	LOOP PLUG	06719683.2	1/27/06		
2316.2078		EP	CABLE MANAGEMENT BAR AND PATCH PANEL	06749332.0	3/29/06		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2096		EP	GROUNDING DEVICE FOR ARMORED CABLE	06785256.6	6/21/06		
2316.2105		EP	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	06749442.7	4/7/06		
2316.2107		EP	GROUNDING LUG FOR ARMORED CABLE AND METHOD	06785255.8	6/21/06		
2316.2109		EP	FIBER OPTIC CONNECTOR HOLDER	06788020.3	7/20/06	1913430	1/28/09
2316.2113		EP	CABLE TROUGH SYSTEM AND METHOD	06816134.8	9/29/06		
2316.2114		EP	FIBER OPTIC SPLITTER MODULE	06770588.9	5/18/06		
2316.2115		EP	FIBER OPTIC ADAPTER MODULE	06770583.0	5/18/06		
2316.2116		EP	FIBER OPTIC ADAPTER MODULE	06787723.3	7/19/06		
2316.2126		EP	SYSTEMS AND METHODS FOR LIFTING A TERMINAL ENCLOSURE IN BELOW GROUND APPLICATIONS	06770589.7	5/18/06		
2316.2134		EP	FIBER OPTIC CABLE FOR CONNECTORIZATION AND METHOD	09767352.9	5/28/09		
2316.2137		EP	FIBER OPTIC ADAPTER MODULES WITH IDENTIFICATION SYSTEM	06 813 267.9	7/31/06		
2316.2138		EP	OPTICAL FIBER PATCH PANEL	89306553.2	6/27/89	0 349 290	8/11/93
2316.2139		EP	CABLE MANAGEMENT PANEL WITH REAR ENTRY	06787997.3	7/20/06		
2316.2140		EP	SPLICE CHIP DEVICE	06 802 136.9	8/22/06		
2316.2143		EP	STACKABLE SPLICE CHIP DEVICE	06802138.5	8/22/06	1929348	10/12/11
2316.2146		EP	CABINET INCLUDING OPTICAL BULHEAD PLATE FOR BLOWN FIBER	06814019.3	8/30/06		
2316.2149		EP	OUTSIDE PLANT ENCLOSURE WITH PIVOTING FIBER TRAYS	06813934.4	8/28/06		
2316.2171		EP	CRIMPED CENTER CONDUCTOR	06816358.3	10/11/06	1949708	6/2/10
2316.2172		EP	CONNECTOR INCLUDING MEDIA CONVERTER	06844533.7	11/22/06		
2316.2179		EP	TELECOMMUNICATIONS JACK WITH CROSSTALK COMPENSATION PROVIDED ON A MULTI-LAYER CIRCUIT BOARD	07775102.2	4/10/07		
2316.2276		EP	SPLICE TRAY ARRANGEMENT	06838604.4	11/29/06		
2316.2290		EP	TELECOMMUNICATIONS PATCH PANEL	07795755.3	6/5/07		
2316.2300		EP	SYSTEMS AND METHODS FOR HINGED PARKING IN FIBER DISTRIBUTION HUBS	06750737.6	4/19/06		
2316.2302		EP	COMPACT BLIND MATEABLE OPTICAL SPLITTER (aka Gen 3 Splitter Module)	06784927.3	6/15/06		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2306		EP	HIGH DENSITY COAXIAL JACK	07755657.9	4/19/07	2011191	9/28/11
2316.2313		EP	MODULAR POWER DISTRIBUTION SYSTEM AND METHODS	07716789.8	1/18/07		
2316.2314		EP	FIBER OPTIC SPLITTER MODULE	07749942.4	2/6/07		
2316.2317		EP	MID-SPAN ACCESS ON OPTIC DISTRIBUTION CABLE WITH HELICAL FIBER ROUTING	07752529.3	3/6/07		
2316.2323		EP	FIBER ACCESS TERMINAL INCLUDING MOISTURE BARRIER PLATE	07709606.3	1/4/07		
2316.2329		EP	CONNECTING HARDWARE WITH MULTI-STAGE INDUCTIVE AND CAPACITIVE CROSSTALK COMPENSATION				
2316.2329		EP	Connecting Hardware with Multi-Stage Inductive and Capacitive Crosstalk Compensation	07852669.6	10/11/07		
2316.2335		EP	LIFTING A TERMINAL ENCLOSURE IN BELOW GROUND APPLICATOINS	08167911.0	10/30/08		
2316.2366		EP	CABLE MANAGER INCLUDING NESTABLE RADIUS LIMITER	07754648.9	4/2/07		
2316.2367		EP	INTELLIGENT PATCHING SYSTEM AND METHOD	07753270.3	3/16/07		
2316.2371		EP	UNIVERSAL BRACKET FOR MOUNTING A DROP TERMINAL	07754892.3	4/4/07		
2316.2372		EP	CABLE PAYOUT SYSTEMS AND METHODS	07810952.7	7/31/07		
2316.2378		EP	Telecommunications Jack with Crosstalk Compensation and Arrangements for Reducing Return Loss	07775101.4	4/10/07	2008346	2/13/13
2316.2378		EP	Telecommunications Jack with Crosstalk Compensation and Arrangements for Reducing Return Loss	12168804.8	5/22/12		
2316.2379		EP	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	07755200.8	4/10/07	2008345	6/23/10
2316.2379		EP	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	10163786.6	5/25/10	2216855	12/7/11
2316.2381		EP	TWISTED PAIRS CABLE WITH SHIELDING ARRANGEMENT	07795579.7	5/31/07		
2316.2396		EP	MULTI-PAIR CABLE WITH VARYING LAY LENGTH	07809391.1	6/6/07		
2316.2397		EP	THREADED CONNECTOR AND PATCH CORD HAVING A THREADED CONNECTOR	07837121.8	8/21/07		
2316.2408		EP	CABLE ROUTING DEVICES WITH INTEGRATED COUPLERS	07809449.7	6/11/07		
2316.2421		EP	ACTIVE SIGNAL CROSS-CONNECT SYSTEM	07837636.5	8/31/07		
2316.2434		EP	FUSE AND BREAKER ALARM DEVICE AND METHOD USING A FINITE STATE MACHINE	07873458.9	10/24/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2436		EP	FIBER DISTRIBUTION HUB WITH DUAL SWING FRAMES	07852487.3	10/1/07		
2316.2442		EP	FIBER ACCESS TERMINAL INCLUDING MOISTURE BARRIER PLATE WITH PUNCH OUT	07852593.8	10/9/07		
2316.2443		EP	Staggered Plastic Patch Panel with Upgrade features for conversion to Physical Layer Management	07839463.2	10/10/07	2078426	12/8/10
2316.2454		EP	Drop Terminal with Anchor Block for Retaining a Stub Cable	08730933.2	2/28/08		
2316.2459		EP	Network Interface Device	07864647.8	11/20/07		
2316.2460		EP	HARDENED FIBER OPTIC CONNECTOR				
2316.2460		EP	HARDENED FIBER OPTIC CONNECTOR	12194278.3	1/23/08		
2316.2460		EP	HARDENED FIBER OPTIC CONNECTOR	08728121.8	1/23/08		
2316.2461		EP	Central Strength Member Clamp for Fiber Optic Cable	08843005.3	10/22/08		
2316.2462		EP	FIBER DISTRIBUTION ENCLOSURE	07863767.5	11/1/07		
2316.2472		EP	MODULAR POWER DISTRIBUTION SYSTEM AND METHODS	07864621.3	11/20/07	2102952	6/4/14
2316.2473		EP	FIBER OPTIC CONNECTOR MECHANICAL INTERFACE CONVERTER	08713473.0	1/3/08		
2316.2473		EP	FIBER OPTIC CONNECTOR MECHANICAL INTERFACE CONVERTER	15157998.4	3/6/15		
2316.2474		EP	OVERHEAD CABLE TERMINATION ARRANGEMENT	08727684.6	1/15/08		
2316.2481		EP	CABLE SPLINT	08839393.9	10/14/08		
2316.2492		EP	METHODS, SYSTEMS AND DEVICES FOR INTEGRATING WIRELESS TECHNOLOGY INTO A FIBER OPTIC NETWORK	10749387.6	3/5/10		
2316.2498		EP	HARDENED FIBER OPTIC ADAPTER	08713471.4	1/3/08		
2316.2503		EP	Field Terminatable Fiber Optic Connector Assembly	08745642.2	4/11/08		
2316.2519		EP	Modular Optical Wall Box Enclosure	08769220.8	4/28/08		
2316.2520		EP	UNIVERSAL BRACKET FOR MOUNTING A DROP TERMINAL	08730538.9	2/22/08		
2316.2521		EP	REAR INTERFACE ASSEMBLY-Flex-X Module with Board Mounted Baluns	08732924.9	3/27/08		
2316.2527		EP	Hardened Female Fiber Optic Connector	08771328.5	6/18/08		
2316.2545		EP	WALL MOUNT BOX WITH SPLITTER	08729752.9	2/13/08		
2316.2546		EP	TELECOMMUNICATIONS RACK UNIT TRAY	08713870.7	1/21/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2595		EP	FIBER OPTIC MODULE	08770871.5	6/12/08		
2316.2599		EP	CABLE MANAGEMENT ARRANGEMENT FOR A TELECOMMUNICATIONS CABINET	08755396.2	5/13/08		
2316.2600		EP	TELECOMMUNICATIONS FRAME INCLUDING AN INTERNAL CABLE TROUGH ASSEMBLY	08755393.9	5/13/08		
2316.2601		EP	Mini Drop Terminal	08838182.7	10/9/08		
2316.2601		EP	Mini Drop Terminal	13197657.3	12/17/13		
2316.2610		EP	Hinge for Cable Trough Cover	08796928.3	7/31/08		
2316.2612		EP	FIBER TERMINATION BLOCK WITH SPLITTERS	08796857.4	7/30/08		
2316.2613		EP	Fiber Distribution Hub	08840904.0	10/22/08		
2316.2652		EP	LOW PROFILE FIBER DISTRIBUTION HUB	08845682.7	10/29/08		
2316.2652		EP	LOW PROFILE FIBER DISTRIBUTION HUB	10173560.3	8/20/10		
2316.2652		EP	LOW PROFILE FIBER DISTRIBUTION HUB	08845682.7	10/29/08		
2316.2658		EP	WAVELENGTH DIVISION MULTIPLEXING MODULE	08841182.2	10/15/08		
2316.2660		EP	Hardened Fiber Optic Connector System with Multiple Arrangements	08858758.9	12/9/08		
2316.2665		EP	Asymmetric Compensation for Improved Alien Crosstalk Performance	09710121.6	2/12/09		
2316.2666		EP	Improved Far End Crosstalk Compensation	09709848.7	2/12/09	2243200	9/5/12
2316.2667		EP	Multi-Fiber Fiber Optic Cable	09724671.4	3/27/09		
2316.2670		EP	TELESCOPING COVER FOR CABLE TROUGH SYSTEM	08857229.2	12/4/08		
2316.2671		EP	FLEXIBLE COVER FOR CABLE TROUGH SYSTEM	08857473.6	12/4/08		
2316.2686		EP	TERMINATE HARDENED MULTI-FIBER CONNECTOR ONTO UNLIMITED LENGTHS OF FIBER	09718966.6	3/13/09		
2316.2690		EP	FIBER OPTIC ADAPTER WITH INTEGRALLY MOLDED FERRULE ALIGNMENT STRUCTURE	09791939.3	8/26/09		
2316.2692		EP	Wall Box Adapted to be Mounted at a Mid-Span Access Location of a Telecommunications Cable	09701175.3	1/8/09		
2316.2700		EP	WAVELENGTH DIVISION MULTIPLEXING MODULE	09706377.0	1/29/09	2243237	9/18/13
2316.2712		EP	Fiber Optic Cable	09767349.5	5/28/09		
2316.2714		EP	Fiber Optic Splice Enclosure	09709617.6	2/13/09		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2725		EP	Hardened Fiber Optic Connector with Connector Body Joined to Cylindrical Cable by Unitary Housing	09734812.2	4/21/09		
2316.2726		EP	Splice of Fiber Optic Cables	09792045.8	8/28/09		
2316.2729		EP	BULKHEAD WITH ANGLED OPENINGS AND METHOD	09724891.8	3/16/09		
2316.2743		EP	REAR LATCH ARRANGEMENT FOR SLIDING DRAWER	09725425.4	3/17/09		
2316.2745		EP	DRAWER ARRANGEMENT WITH RACK AND PINION	09743373.4	5/4/09		
2316.2754		EP	FIBER MANAGEMENT PANEL	09729634.7	4/10/09		
2316.2786		EP	Fiber Optic Splice Tray	09734110.1	4/16/09		
2316.2788		EP	Cable Anchoring Device	09735333.8	4/16/09		
2316.2802		EP	METHODS AND SYSTEMS FOR DISTRIBUTING FIBER OPTIC TELECOMMUNICATIONS SERVICES TO LOCAL AREA	09767796.7	6/19/09		
2316.2820		EP	MULTI-JACKETED FIBER OPTIC CABLE	09767306.5	5/27/09		
2316.2821		EP	FLEXIBLE EXTRUDED CABLE MOLDING SYSTEM, METHODS, AND TOOLS	14183323.6	9/3/14		
2316.2821		EP	FLEXIBLE EXTRUDED CABLE MOLDING SYSTEM, METHODS, AND TOOLS	09767303.2	5/27/09		
2316.2825		EP	HYBRID FIBER/COPPER CABLE PREPARATION TOOL	09792223.1	9/3/09		
2316.2826		EP	FLAT DROP CABLE	09744568.8	10/28/09		
2316.2831		EP	POWER SWITCHING ARRANGEMENT	09736766.8	10/9/09		
2316.2832		EP	FIELD TERMINABLE FIBER OPTIC ASSEMBLY	09790256.3	7/10/09		
2316.2836		EP	PATCH PANEL ASSEMBLY	09778277.5	9/2/09		
2316.2837		EP	FRAME WITH CABLE MANAGEMENT	09778079.5	8/24/09		
2316.2838		EP	COLLAPSIBLE FRAME	09778078.7	8/24/09		
2316.2839		EP	PANEL MOUNT	09778276.7	9/2/09		
2316.2853		EP	FIBER OPTIC MODULE AND CHASSIS	10701415.1	1/15/10		
2316.2861		EP	TWO STEP METHOD FOR DIRECT MOLDING MULTIFIBER CONNECTORS ON ARRAYS OF OPTICAL FIBERS	10754065.0	3/17/10		
2316.2863		EP	Telecommunications Jack with Adjustable Crosstalk Compensation	09764418.1	11/25/09		
2316.2864		EP	FIBER OPTIC ADAPTER CASSETTE WITH SNAP-FIT FRONT	09768465.8	12/4/09		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2873		EP	FANOUT CABLE ASSEMBLY AND METHOD	09793319.6	10/6/09		
2316.2907		EP	RF CIRCUIT MODULE AND PANEL	10700007.7	1/6/10		
2316.2908		EP	Fiber Optic Enclosure	10701311.2	1/26/10		
2316.2940		EP	FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	10712304.4	4/6/10		
2316.2941		EP	Ruggedized Fiber Optic/Electrical Connection System	11740419.4	2/4/11		
2316.2946		EP	Fiber Optic Enclosure with Internal Cable Spool Assembly	11754002.1	3/9/11		
2316.2949		EP	RAPID UNIVERSAL RACK MOUNT DRAWER	10802846.5	7/21/10		
2316.2955		EP	Methods, Systems and Devices for Providing Fiber-to-the-Desktop	10833904.5	11/24/10		
2316.2965		EP	CABLE PULLING ASSEMBLY	10717017.7	5/6/10		
2316.2985		EP	PASS-THROUGH TROUGH	10747544.4	8/11/10		
2316.3015		EP	Fiber Optic Cable Assembly and Method of Making the Same	11769673.2	4/15/11		
2316.3020		EP	MANAGED CONNECTIVITY IN FIBER OPTIC SYSTEMS AND METHODS THEREOF	10771845.4	10/15/10		
2316.3021		EP	MANAGED CONNECTIVITY IN ELECTRICAL SYSTEMS AND METHODS THEREOF	10771843.9	10/15/10		
2316.3041		EP	FIBER OPTIC CABLE BUNDLE WITH STAGGERED CONNECTORS	11740299.0	2/2/11		
2316.3045		EP	ELECTRICAL PLUG FOR MANAGED CONNECTIVITY SYSTEMS	10771850.4	10/19/10		
2316.3051		EP	FIBER OPTIC CABLE ASSEMBLY	11751273.1	3/2/11		
2316.3052		EP	NON-ARMORED RODENT RESISTANT CABLE	10832253.8	11/19/10		
2316.3053		EP	OPTICAL FIBER INTERCONNECT CABINETS, TERMINATION MODULES AND FIBER CONNECTIVITY MANAGEMENT FOR THE SAME	04757733.3	3/16/04	1604239	10/26/11
2316.3053		EP	Optical Fiber Interconnect Cabinet	10181672.6	9/29/10		
2316.3053		EP	Optical Splitter Module Arrangement	10181680.9	9/29/10		
2316.3057		EP	Fiber Optic Cable Assembly	10832256.1	11/19/10		
2316.3069		EP	COMMUNICATIONS BLADED PANEL SYSTEMS	11705379.3	2/11/11		
2316.3069		EP	COMMUNICATIONS BLADED PANEL SYSTEMS	11713392.6	2/11/11		
2316.3071		EP	MANAGED FIBER CONNECTIVITY SYSTEMS	11706389.1	2/11/11		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3071		EP	MANAGED FIBER CONNECTIVITY SYSTEMS	11711701.0	2/11/11		
2316.3071		EP	MANAGED FIBER CONNECTIVITY SYSTEMS	11713101.1	2/11/11		
2316.3114		EP	CONTACT SET ARRANGEMENT FOR RIGHT ANGLE JACK	11776646.9	10/14/11		
2316.3136		EP	RUGGEDIZED MULTI-FIBER FIBER OPTIC CONNECTOR WITH SEALED DUST CAP	13840319.1	9/25/13		
2316.3145		EP	TELECOMMUNICATIONS ASSEMBLY	11798913.7	6/23/11		
2316.3149		EP	RAPID MST WITH REELFLEX FLAT DROP CABLE	11815170.3	8/2/11		
2316.3168		EP	Tray Assembly for a Fiber Optic Enclosure	11842344.1	11/14/11		
2316.3169		EP	System and Method for Anchoring Fiber Optic Cables to Provide Strain Relief	11936989.1	10/26/11		
2316.3185		EP	FIBER OPTIC CABLE WITH ELECTRICAL CONDUCTORS	12746772.8	2/14/12		
2316.3193		EP	OPTICAL FIBER LOOPBACK ADAPTER	13835791.8	9/6/13		
2316.3199		EP	MANAGED FIBER CONNECTIVITY SYSTEMS	12771750.2	4/13/12		
2316.3201		EP	Strain Relief Boot for a Fiber Optic Connector	12757801.1	3/15/12		
2316.3201		EP	Strain Relief Boot for a Fiber Optic Connector	12757801.1	3/15/12		
2316.3202		EP	FIBER OPTIC CONNECTOR FOR 1.2 MM CABLE	12757527.2	3/15/12		
2316.3207		EP	FIBER OPTIC CASSETTE, SYSTEM, AND METHOD	12839995.3	10/5/12		
2316.3233		EP	WALL-MOUNTABLE OPTICAL FIBER AND CABLE MANAGEMENT APPARATUS	07018409.8	9/19/07		
2316.3233		EP	FIBER OPTIC CABLE FOR MULTI-DWELLING UNIT (MDU) AND COMMERCIAL BUILDING DEPLOYMENTS	10172559.6	8/11/10		
2316.3244		EP	FIBER LOCKING IN CABLE TERMINATION	12817330.9	7/19/12		
2316.3248		EP	OPTICAL FIBER CONNECTION SYSTEM	12830715.4	9/7/12		
2316.3259		EP	MULTI-FIBER CONNECTOR WITH SIDE LOADING OF FERRULE	12851590.5	10/30/12		
2316.3312		EP	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT	12838856.8	10/5/12		
2316.3328		EP	Cable Anchoring System for a Fiber Optic Enclosure	13784918.8	5/2/13		
2316.3342		EP	CABLE STORAGE SPOOL WITH CENTER FEED	13784515.2	4/29/13		
2316.3345		EP	Elastomeric Material With Reduced Extender Mobility				

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3347		EP	EXTRUDED SEAL CARRIER AND METHOD OF USE	13775916.3	4/9/13		
2316.3348		EP	DUST CAP FOR A TELECOMMUNICATIONS CONNECTOR	13769138.2	3/20/13		
2316.3395		EP	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	13751305.7	2/20/13		
2316.3399		EP	FIBER OPTIC ADAPTER BLOCK	13738554.8	1/11/13		
2316.3446		EP	DEPLOYING OPTICAL FIBERS USING INDEXING TERMINALS	13767640.9	3/29/13		
2316.3448		EP	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	13790549.3	5/17/13		
2316.3473		EP	RUGGEDIZED FIBER OPTIC CONNECTOR	13794662.0	5/20/13		
2316.3528		EP	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	13816261.5	7/10/13		
2316.3554		EP	FIBER OPTIC CASSETTE	13842179.7	9/25/13		
2316.3555		EP	MANUFACTURE AND TESTING OF FIBER OPTIC CASSETTE	138415556.7	9/25/13		
2316.3563		EP	OPTICAL WAVEGUIDE MODULE, SYSTEM AND METHOD				
2316.3583		EP	SYSTEM FOR TESTING PASSIVE OPTICAL LINES	13850254.7	10/22/13		
2316.3597		EP	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT	14749103.9	2/5/14		
2316.3606		EP	Distributed Split Configuration for Multi-Dwelling Unit	13859533.5	11/26/13		
2316.3607		EP	FIELD INSTALLED CONNECTOR HOUSING ASSEMBLY	13858527.8	11/26/13		
2316.3625		EP	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
2316.3627		EP	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY	14749636.8	2/5/14		
2316.37		EP	HYBRID POWER AND OPTICAL FIBER CABLE	14751600.9	2/12/14		
2316.3662		EP	HIGH DENSITY SPLITTER AGGREGATION MODULE				
2316.3671		EP	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT				
2316.3718		EP	System and Method for Applying an Adhesive Coated Cable to a Surface	13849356.4	10/25/13		
32932.0001		EP	SEMICONDUCTOR LASERS HAVING SINGLE CRYSTAL WINDOW LAYERS AND METHOD OF FORMING THE SAME	99950171.1	10/8/99		
357180.00123	17633	EP	PACKING FOR ELECTRICAL COMPONENT	02709206.3	1/29/02		
	12-001	EP	Distributor module and method for connecting Cables	13708849.8	3/13/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	12-002	EP	Distributor Connection Module	13710363.6	3/13/13		
	04-002	EP	Plug connector for printed circuit boards	05716248.9	3/19/05		
	05-014	EP	Connecting element having a housing for telecommunications and/or data cables	06776603.0	8/4/06		
	05-017	EP	Method and device for coupling optical fibers	06806660.4	11/2/06		
	07-003	EP	Electrical contact arrangement for telecommunications and data technology	07856678.3	12/13/07		
	07-006	EP	Plug-Type Connector	07856681.7	12/13/07		
	08-026	EP	Distribution cabinet for communications and data technology	09741243.1	10/27/09		
	08-030	EP	Apparatus for accommodating components from telecommunications and data technology	09752284.1	10/27/09		
	08-020	EP	Housing having a door hinge with break-in protection	09777394.9	7/23/09		
	09-017	EP	Distribution device for telecommunications and data technology	10725626.5	6/18/10		
	09-018	EP	Distribution strip	10726909.4	6/17/10		
	09-001	EP	Telecommunications Connector	10730969.2	1/8/10		
	10-002	EP	Holder for at least one cassette	10776086.0	11/2/10		
	10-012	EP	Distribution cabinet	11005971.4	7/21/11		
	10-016	EP	Wire termination tool	11008723.6	11/2/11		
	TO-00416	EP	Device and Method for Aligning an Optical Fiber	11174677.2	7/20/11		
	10-008	EP	Connecting box for glass fiber cables	11700723.7	1/10/11		
	10-018	EP	Overvoltage protection magazine	11788768.7	11/2/11		
	CO-00041	EP	Methods of Processing High Service Temperature Hydrocarbon Gels	11796857.8	11/23/11		
	11-005	EP	Distribution connection module	11801592.4	12/2/11		
	11-012	EP	Apparatus for transmission testing of a telecommunications jack	12171971.0	6/14/12		
	11-001	EP	Fiber-optic connection arrangement and adapter sleeve	12714832.8	2/10/12		
	11-007	EP	Distribution strip and distribution block comprising at least two distribution strips	12719255.7	3/28/12		
	11-009	EP	Tool for connecting cable cores	12726134.5	6/8/12		
	11-013	EP	Terminal block and inscription frame	12727371.2	6/13/12		
	TO-00374	EP	Dry Silicone Gels and Their Methods of Making	12728094.9	6/20/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	TO-00375	EP	Closure and Interconnect Systems and Methods of Using Dry Silicone Gels in Closure and Interconnect Systems	12728220.0	6/13/12		
	11-008	EP	Tool for connecting cable cores	12733435.7	6/8/12		
	11-014	EP	Surface-Mountable Enclosure	12748176.0	7/26/12		
	11-015	EP	Modular unit and method for producing a modular unit	12756416.9	8/27/12		
	11-016	EP	Distribution strip and method for producing such a distribution strip	12772113.2	10/11/12		
	11-017	EP	Contact element and distribution strip for communications and data technology	12772321.1	10/11/12		
	11-018	EP	Telecommunications cabling system	12860101.0	12/20/12		
	TY-00119	EP	Connector and Connector Assembly	13715756.6	2/19/13		
	TO-00612	EP	Montagewanne und Verfahren zur Bereitstellung einer Kabelendeinrichtung	14151891.0	1/21/14		
	03-002	EP	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	04715300.2-2214	2/27/04		
	06-016	EP	Connecting element for communication and data technology	07786145.8-2214	7/18/07		
	07-001	EP	Electrical plug-in connector	07856680.9-2214	12/13/07		
	08-031	EP	Micro-distribution cable for optical communication technology, and method for production of a micro-distribution cable	09749023.9-1234	11/9/09		
	08-015	EP	Terminal box for fiberoptic cables and panel	09761377.2-1234	5/19/09		
	09-008	EP	Patch panel for an optical distribution frame	09796312.8-1524	12/16/09		
	09-009	EP	Method and arrangement for identifying at least one object	09796313.6-1248	12/16/09		
	10-003	EP	Distribution cabinet for optical fibre cables	10776087.8-1234	11/2/10		
	10-009	EP	Fiber Optic Telecommunications Module	11700225.3-2216	1/10/11		
	12-003	EP	Distributor module and method for connecting cores	13773806.8	10/9/13		
	18031	EP	CABLE TERMINATING APPARATUS AND METHOD	04253289.5	6/2/04	1484824	1/16/08
	NC025	EP	Protected Telecommunications Terminal	95928744.2	8/4/95		
	NC029	EP	Non-Interrupt Bypass Switch For RF Circuits	98901188.7	1/8/98		
	NC030	EP	RF Chokes Comprising Parallel Coupled Inductors	98911802.1	3/18/98		
	MP0736	EP	Heat-Recoverable Closure Assembly	81302412.2	6/1/81	0041388	4/17/85

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0761	EP	Wraparound Protective Closure And Method Of Use	83300472.4	1/28/83		
	MP0790COM	EP	Thermoweave	90203172.3	1/5/84	0430377	10/9/96
	MP0790COM	EP	Thermoweave	87118261.4	1/5/84	0270132	3/25/92
	MP0790COM	EP	Thermoweave	87107917.4	1/5/84	0243985	7/4/90
	MP0790COM	EP	Thermoweave	95119943.9	1/5/84		
	MP0790COM	EP	Thermoweave	84300059.7	1/5/84	0116393	7/19/89
	MP0810	EP	Flame Coloring Device	83300904.6	2/22/83	0087313	5/28/86
	MP0859	EP	Electrical Devices Comprising PTC Elements	84307984.9	11/16/84	0144187	3/11/92
	MP0867	EP	Laminar Electrical Heaters	84303152.7	5/10/84		
	MP0872	EP	Heat Shrinkable Article	84306290.2	9/14/84		
	MP1086	EP	Devices Comprising PTC Conductive Polymers	86307651.9	10/3/86	0220003	3/14/90
	MP1224	EP	Laminar Sheet Heater	89900770.2	12/8/88	0397685	3/13/96
	MP1418	EP	Ring Laser Pumped Optical Amplifier	93907506.5	3/11/93		
	MP1430	EP	A Robust Optical Signal Transmission System	93902759.5	12/18/92		
	SG005	EP	Heat Expandable Foam Plugs	851140913	11/5/85	182199	10/4/89
	MP0735	EP	Wraparound Heat-Recoverable Sleeves	81302413.0	6/1/81	0041389	4/17/85
	MP1508	EP	Solid State, Resettable Overcurrent Protection Device	95937650.0	10/31/95		
	01-002	EP	Construction kit and method for creating an electrical cabinet for outdoor use	02716657.8-2207	1/12/02	1358702	3/13/13
	03-009	EP	Wall outlet box	04765904.0	10/8/04	1678797	4/14/10
	04-007	EP	Housing	04790911.4-2207	10/27/04	1678798	3/3/10
	07-036	EP	Distribution cabinet with a plurality of inner bodies	08734806.6-1242	3/13/08		
	08-032	EP	Bottom plate with sealing blocks	09717220.9	3/3/09		
	00-006	EP	Z Form Insulation Displacement Contact (Electrical power outlet)	01936150.0	3/29/01		
	01-005	EP	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	02-001	EP	Access guard for distributor modules	03743814.0	2/21/03		
	02-005	EP	Distribution box connection module for telecommunications and data technology	03792214.3-2214	7/18/03	1527503	5/14/14

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	03-008	EP	Housing for glass-fiber plug connectors, and a method for laying glass-fiber cables	04765021.3-2216	9/10/04		
	03-010	EP	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	04-003	EP	Electrical connection module	05783020.0	8/24/05		
	04-004	EP	Connection module for telecommunications and data technology	05776552.1	8/30/05	1787481	5/27/09
	04-005	EP	Distribution module for converting between symmetrical and asymmetrical data transmission paths	05787201.2	8/30/05		
	04-009	EP	Tool for connecting cable cores	05799995.5-1231	10/31/05		
	04-010	EP	Distribution board connection module	05803858.9-1231	10/31/05		
	04-011	EP	Distribution board connection module	05801945.6-1231	10/31/05		
	04-012	EP	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	EP	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-002	EP	Connecting socket for a data network	06004086.2-1231	3/1/06		
	05-003	EP	Pressure module	06004087.0-1231	3/1/06		
	05-004	EP	Fiberglass termination	06004088.8-2216	3/1/06		
	05-005	EP	Plug connection	06707343.7	3/1/06		
	05-007	EP	Apparatus and method for universal cable bushing	06724003.6	4/4/06		
	05-008	EP	Active distribution device in the subscriber access area	06753560.9	5/11/06		
	05-009	EP	Distribution device in the subscriber access area	06753561.7	5/11/06		
	05-010	EP	Protective plug for distribution frame devices for telecommunications and data technology	06754344.7	6/13/06	1894281	9/14/11
	05-011	EP	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	05-012	EP	Modular housing wall for telecommunications devices	06776154.4	7/7/06		
	05-013	EP	Mounting apparatus for line and plug-in connecting elements	06762987.3	8/4/06	1915876	10/3/12
	05-015	EP	Protective plug for a connection module	06777050.3	8/24/06		
	05-016	EP	Connector module with integrated functions	06791826.8	9/5/06		
	06-002	EP	Plug-in connector for telecommunications and data technology	07703260.5-1528	2/5/07	1997194	12/16/09

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	06-003	EP	Dual Flow Fan	07724601.5-1242	4/26/07		
	06-004	EP	Press-fit-connector	07724602.3-2214	4/26/07	2018682	7/28/10
	06-005	EP	Electrical Connector	07724258.4	4/16/07		
	06-006	EP	Plug-in connector for telecommunications and data technology	07765225.3-1528	7/18/07	2047571	4/20/11
	06-007	EP	Symmetrical data cable for communications and data engineering Symmetrical data cable for communications and data engineering	07765226.1-1231	7/18/07		
	06-008	EP	Symmetrical data cable for communications and data technology	07786140.9-1231	7/18/07		
	06-009	EP	Connector Block	07765227.9	7/18/07	2044781	4/23/14
	06-010	EP	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	06-011	EP	Shielding Device	07786142.5	7/18/07		
	06-013	EP	An Electrical Connector	07786143.3	7/18/07		
	06-014	EP	Electrical connector having a dust cover	07786144.1	7/18/07		
	06-018	EP	Plug-in connector for printed circuit boards	07846594.5	11/15/07		
	06-019	EP	Power line communications coupler	07718697.1-1246	4/4/07		
	06-020	EP	Two-part inner body	07821550.6	10/19/07		
	07-002	EP	Electrical plug-in connector	07856679.1-2214	12/13/07	2127044	8/13/14
	07-004	EP	Terminal block	07856677.5	12/13/07	2127029	4/23/14
	07-005	EP	Plug-in connector for printed circuit boards and connection module with plug-in connector for printed circuit	07856676.7	12/13/07		
	07-007	EP	Cable Management Device	07856682.5	12/13/07		
	07-008	EP	Overvoltage protection magazine	07856683.3	12/13/07	2118972	9/22/10
	07-010	EP	Sleeve for optical waveguide cables	08715782.2-1524	2/15/08	2132589	8/3/11
	07-014	EP	Customer termination point in the subscriber premises of a telecommunication and/or data link and method for changing providers	08002922.6	2/18/08		
	07-015	EP	Electrical Connector	08714334.3	2/29/08		
	07-016	EP	Electrical Connector	08706146.1	2/29/08		
	07-017	EP	Electrical Connector	08714329.3	2/29/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	07-018	EP	Electrical Connector	08714330.1	2/29/08		
	07-019	EP	Electrical Connector	08714332.7	2/29/08		
	07-020	EP	Electrical Connector	08714333.5	2/29/08		
	07-021	EP	Electrical Connector	08714331.9	2/29/08		
	07-022	EP	Electrical Connector	08706145.3	2/29/08		
	07-025	EP	Connecting strip and contact element for telecommunications and data technology	08758579.0	5/16/08		
	07-037	EP	Plug type printed circuit board connector	08841576.5	10/13/08		
	07-038	EP	Distribution board connection module	08802871.7	10/13/08		
	07-039	EP	TELECOMMUNICATIONS PATCH PANEL	08252956.1-2214	9/5/08		
	07-042	EP	Double-walled housing with improved heat-dissipating functional-area walls	08857707.7-1242	11/26/08		
	08-002	EP	Optical fiber connection module	09712613.0-2216	1/12/09		
	08-003	EP	Mount system for accommodating components from telecommunications and data technology	09715235.9-1237	1/12/09		
	08-004	EP	Core-connecting terminal strip and method for producing a core-connecting terminal strip with gel filling	09720510.8	1/21/09		
	08-008	EP	Foundation body, method for production of a foundation body, and method for erection of a mast	09003306.9-1255	3/6/09		
	08-013	EP	Cooling arrangement for an electrical or appliance cabinet with air-to-air heat-exchanger cassettes	09778338.5	9/4/09		
	08-016	EP	Strain relief means	09761376.4-2216	5/19/09	2288949	4/16/14
	08-017	EP	Distribution board connection module for telecommunications and data technology	09776729.7	6/15/09		
	08-019	EP	Apparatus and method for sealing small tubes of a blown-fiber cable on insertion into a collar	09776628.1-1234	5/19/09		
	09-002	EP	Overvoltage protection magazine for a telecommunications and data technology device	09796321.9	12/18/09		
	09-003	EP	Overvoltage protection magazine or plug and method for the production of an overvoltage protection magazine or plug	09808988.1	12/18/09		
	09-005	EP	Strain relief device	09801163.8-2216	12/16/09		
	09-011	EP	Terminal strip	10712336.6	3/26/10	2441128	3/12/14
	10-001	EP	Housing for holding at least one cable	10778863.0	11/2/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	17587	EP	Wiring Panel to Connect Security System to DSL Line Using Modem to Separate Voice From Data Signals	01992293.9	12/21/01		
	17904	EP	OPTICAL RIBER CONNECTOR THAT ALLOWS FOR CONTROL OF FERRULE R ADIAL ORIENTATION	03254946.1	8/8/03	1394585	11/17/10
	17968	EP	NETWORK CONNECTION SENSING MODULE	03768701.9	11/5/03	1559277	1/6/10
	17969	EP	PLUG AND BLOCK CONNECTOR SYSTEM FOR DIFFERENTIAL CONTACT PAI RS	03814792.2	12/12/03		
	18013	EP	CABLE JACKET WITH INTERNAL SPLINES	04255454.3	9/9/04		
	18019	EP	ELECTRICAL COUPLER WITH SPLITTING RECEPTACLE JACK INTERFACES	04251258.2	3/4/04	1458062	8/4/10
	18044	EP	NETWORK CONNECTION SENSING ASSEMBLY	04754808.6	6/8/04		
	18079	EP	CABLE HAVING A FILLER	04105195.4	10/20/04		
	18150	EP	Telecommunications Patch Panel with Angled Connector Modules	05736356.6	4/12/05		
	18180	EP	NON-ORTHOGONAL CABLE MANAGEMENT SYSTEM	05736154.5	4/12/05		
	41234	EP	ELECTRICAL CONNECTOR FOR DATA AND ENERGY SUPPLY	03027568.9	12/1/03		
	41234	EP	Electrical Connector for Data and Energy Supply	04797890.3	11/15/04		
	41235	EP	CONNECTING JACK	03026395.8	11/18/03		
	41235	EP	Connector Socket	04797889.5	11/15/04		
	AE436	EP	Shielded Electrical Connector	96306870.5	9/20/96		
	AE490	EP	Liquid Resistant Contact System	98250379.9	10/28/98	924805	7/14/04
	E-CC-00553	EP	Optical Attenuator	09157112.5	4/1/09		
	E-TO-00008	EP	Electrical Connector with Shielded Differential Contact Pairs	06752183.1	5/1/06	1878094	3/14/12
	E-TO-00029	EP	Modular Plug with Slider Latch	06825360.8	10/2/06	1932219	4/1/09
	E-TO-00091	EP	Connector Receptacle Assembly	07752985.7	3/13/07		
	E-TO-00154	EP	Cable Management System	08799907.4	4/23/08		
	ITRACS001	EP	A System for Monitoring Connection Pattern of Data Ports	00919250	4/5/00	1173811	9/13/06
	ITRACS001	EP	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
	ITRACS001	EP	Data Cable for Monitoring Connection Pattern of Data Ports	06019065.9	4/5/00	1758028	3/17/10
	ITRACS001	EP	A System for Monitoring Connection Pattern of Data Ports	10156685.9	4/5/00	2228728	9/26/12
	ITRACS001	EP	A Kit for Determining the Connection Pattern of Data Ports	20050019752.4	4/5/00	1607877	

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0718COM	EP	Corrugated Ht Rec. Tape & Flexible Collar Tee	81302605.1	6/11/81	0042262	6/5/85
	MP0757	EP	Air Vent Assembly	82300555.8	2/3/82		
	MP0766	EP	Fiber Optic Splicing	82302158.9	4/27/82		
	MP0781COM	EP	Flat Sheet Closure & Method	82304743.6	9/9/82		
	MP0798COM	EP	Fiber Optic Organizer	83300177.9	1/13/83		
	MP0799COM	EP	Paddlecard Terminator	82306555.2	12/8/82	0081389	9/3/86
	MP0820	EP	Method Of Transmitting UV Light By Optical Fiber	83302606.5	5/9/83		
	MP0838COM	EP	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	83306140.1	10/11/83	0108518	1/18/89
	MP0839COM	EP	Optical Fiber Tap	83903730.6	10/24/83	0125282	8/26/92
	MP0849	EP	Optical Fiber Adhesive Joint Tube - Release Agent	84300771.7	2/7/84		
	MP0850	EP	Optical Fiber Adhesive Joint Tube - Hourglass Shape	84300770.9	2/7/84	0121987	5/2/90
	MP0855	EP	A Mechanical Coupling Assembly And Method Of Using Same	84901659.7	3/29/84	0138986	12/27/90
	MP0871A	EP	Protective Article	86302209.1	3/25/86	0196219	7/22/92
	MP0871A	EP	Protective Article	91200900.8	3/25/86		
	MP0874	EP	Tube Storage And Delivery Device	84306793.5	10/5/84	0145153	11/5/86
	MP0889	EP	Method And Apparatus For Determining Attenuation Across Optical Fiber Splice	84307314.9	10/24/84		
	MP0899	EP	Light Launch Detection & Splicing Devices For Loose Tube Buffered Optical Fiber	85300528.8	1/25/85		
	MP0900	EP	Wraparound Article	84308644.8	12/12/84	0147130	8/7/91
	MP0995COM	EP	Optical Fiber Termination	85308204.8	11/12/85		
	MP0997	EP	Center Conductor Closure	85308790.6	12/3/85	0186339	5/3/89
	MP1018	EP	Splice Case	86300045.1	1/6/86	0189240	3/28/90
	MP1019	EP	Liner For Making Pressurized Splice Closure	86300833.0	2/6/86	0194040	5/16/90
	MP1027	EP	Closure Including Gel-Filled End Seals	86300835.5	2/6/86	0191609	4/25/90
	MP1045	EP	Drop Wire Branch Article	86301678.8	3/10/86		
	MP1050	EP	Packaged Gel Article	86903754.9	5/2/86		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1064	EP	Optical Fiber Distribution Network	86305329.4	7/11/86		
	MP1077	EP	Determining Splice Attenuation	86305112.4	7/1/86		
	MP1078	EP	Corrosion Protection Apparatus	86306401.0	8/19/86	0213874	11/19/92
	MP1085	EP	Compression Pressure Indicator	86307415.9	9/26/86		
	MP1092	EP	Optical Fiber Contact And Connector	86309060.1	11/19/86	0223609	2/16/94
	MP1093	EP	Optical Fiber Connector	86309059.3	11/19/86	0223608	11/11/92
	MP1097	EP	Apparatus For Relieving A Load Across A Cable Repair Region	86308773.0	11/11/86	0222616	8/26/92
	MP1111	EP	Insulation Displacement Connector For High Axial Strength	87304130.5	5/8/87		
	MP1112	EP	Universal End Plate-Gel Seal	87301044.1	2/5/87		
	MP1125	EP	Optical Fiber Termination Using An Elastic Convex Dam	87304031.5	5/6/87	0245087	7/29/92
	MP1129	EP	Splice Closure System	87903804.0	5/29/87	0269697	7/15/92
	MP1140COM	EP	Strained Distributed Optical Fiber Communication System	87307394.4	8/21/87	0257999	4/28/93
	MP1155	EP	Coaxial Connector Moisture Seal	87309383.5	10/23/87	0265276	8/18/93
	MP1177	EP	Optical Fiber Tap Utilizing Reflector	88301189.2	2/12/88	0278775	9/13/95
	MP1184	EP	Alignment And Location Sleeve For Fiber Optic Contacts	88904743.7	3/21/88		
	MP1206COM	EP	Terminal Block	88306146.7	7/6/88	0298713	2/9/94
	MP1210	EP	Annealing Bent Optical Fiber	88306933.8	7/27/88		
	MP1223	EP	Rotary Closure And Grommet	89901178.7	12/8/88		
	MP1238	EP	Telephone Junction Box And Switch Therefor	89902881.5	2/8/89	0408582	4/19/95
	MP1239COM	EP	Telecommunication Terminal Block Or Adapter	89903328.6	3/4/89	0403531	1/24/96
	MP1240	EP	Telecommunications Terminal Block	89902605.8	2/17/89	0402374	1/25/95
	MP1243	EP	Cable Sealing Apparatus	89904715.3	4/4/89		
	MP1254	EP	Optical Fiber Jaw Connector	89905535.4	4/4/89		
	MP1258	EP	Splice Case	89905534.7	4/26/89	0414756	7/27/94
	MP1260	EP	Optical Fiber Termination Coating Dispenser				
	MP1273	EP	Method Of Cable Sealing	89910480.6	9/8/89	0433368	7/20/94

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1275	EP	Rotary Connection Strain Relief On Terminal Block	89911333.6	9/19/89		
	MP1286	EP	Coaxial Cable Connector	90908826.2	5/15/90	0472644	7/30/97
	MP1293	EP	E-Z-On Connectors	90909963.2	6/8/90	0476056	9/6/95
	MP1317	EP	Telecommunications Terminal Housing & Method Of Encl A Telecomm Terminal Within A Minimum Clearance Opening Container	90913271.4	8/17/90		
	MP1319	EP	Optical Fiber Connector Which Provides A High Signal Return Loss	90913175.7	8/17/90		
	MP1326	EP	Circuit For The Transmission Of Optical Signals				
	MP1340	EP	Optical Bypass Switch	91904351.3	12/20/90	0505506	8/28/96
	MP1345COM	EP	Binding Post For Wide Tolerance Caps	90915250.6	9/21/90		
	MP1347	EP	Couplers For Terminating Optical Fiber Ends	91909823.6	4/9/91		
	MP1348	EP	Modular Telecommunications Terminal Block	91907428.6	3/26/91		
	MP1351	EP	Cable Television Connection System	90312384.2	11/13/90		
	MP1355	EP	Splice Case	92905532.5	1/17/92		
	MP1374A	EP	Alarm And Test System For A Digital Added Mail Line	97200093.9	8/1/91	0771052	10/14/98
	MP1374B	EP	Gel Filled Electrical Connector	93900806.6	12/3/92	0615662	3/4/98
	MP1391	EP	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	91918523.1	10/3/91	0552244	12/20/95
	MP1398	EP	Optical Fiber Enclosure Including Novel Retaining Ring	92917419.1	3/30/92		
	MP1403	EP	Ez Twist Consumer Type Connectors	92908712.0	3/20/92		
	MP1404	EP	Hermaphroditic Gel Closure	92908708.8	3/13/92	0575520	12/18/96
	MP1405	EP	Multi-Gauge Waffle Rotary Connection	92912666.2	5/15/92		
	MP1410	EP	Ruggedized Bypass Switch	92912352.9	4/27/92		
	MP1412	EP	Hinged Gel-Filled Security And Environmental Protection Device	92913286.8	6/8/92	0587748	4/23/97
	MP1431	EP	Hybrid Fiber In The Loop Telephony System	93906101.6	2/22/93		
	MP1432	EP	Low Temperature Expandable Gaskets	93918686.2	8/6/93		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1452	EP	Coaxial Cable Connection Protection System	93917061.9	7/9/93		
	MP1461	EP	Coaxial Cable Connection Method And Device Using Oxide Inhibiting Sealant	94901647.1	11/22/93		
	MP1468	EP	Optical Fiber Water Sensor	94907967.7	2/3/94		
	MP1493	EP	Aerial, Pedestal, Below Grade, Or Buried Optical Fiber Closure	95911575.9	1/23/95		
	MP1511	EP	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	95921535.1	5/30/95		
	MP1514	EP	Environmental Protection Device With Manually Operated Latch Mechanism	95920420.7	5/17/95		
	MP1532	EP	Coaxial Cable Tap And Method Of Connecting To An Operational Coaxial Cable Without Interrupting Transmitted Signals	96913083.0	4/23/96		
	MP1540	EP	Coaxial Cable Connector	95944230.2	12/21/95		
	MP1541	EP	Locking Coaxial Cable Connector And Adaptor	95944753.3	12/21/95		
	MP1620	EP	Coaxial Cable Connector	98901856.9	1/23/98		
	NC001	EP	Environmental Sealing	91906052.5	3/14/91		
	NC003	EP	Cable Seal	92911309.0	5/1/92	0582652	7/30/97
	NC006	EP	Gas Tube Vent-Safe Device	93916868.8	6/29/93		
	NC008	EP	Surge Arrestor Fail Safe Thermal Overload Mechanism	93918148.3	6/29/93		
	NC009	EP	Connector Ground Clip	94932095.6	10/28/94		
	NC010	EP	Enclosure Assembly For Telecommunication Cables	93915374.8	6/15/93		
	NC011	EP	Telecommunications Network Interface Assembly	93911223.1	5/11/93		
	NC013	EP	Bonding Assembly For Fiber Optic Cable And Associated Method	94914196.4	4/15/94		
	NC017	EP	Fiber Optic Cable System Including Main And Drop Cables And Associated Fabrication Method	94915811.7	4/15/94		
	NC019	EP	Telecommunications Terminal	95911644.3	2/7/95		
	NC022	EP	Improved Idc Having Wire Slippage Control	97937300.8	8/14/97	0919073	10/31/01
	NC024	EP	Splice Closure For Buried Telecommunications Cables	96934027.2	10/4/96		
	NC027	EP	Button Protection Device	96909779.9	3/19/96		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC036	EP	Telephone Subscriber Line Module	98950658.9	9/25/98		
	NC041	EP	Line Protector For A Communication Circuit	00944984.4	6/28/00		
	NC042	EP	Fiber Optic Drop Splice Closure And Related Methods	99951360.9	5/25/99		
	NC044	EP	Fiber Optic Splice Closure Including Side Pivoting Slack Storage Holder And Associated Methods	99971929.7	11/12/99	1137962	1/14/04
	NC045	EP	Fiber Optic Splice Closure Including End Pivoting Slack Storage Holder And Associated Methods	99958933.6	11/12/99		
	NC047	EP	Bulbous Configured Fiber Optic Splice Closure And Associated Method	00935820.1	3/29/00	1175634	2/19/03
	NC048	EP	Fiber Optic Splice Closure Including End Pivoting Slack Storage Holder With Adjustable Rear Wall And Associated Methods	00935819.3	3/29/00		
	NC049	EP	Sealant-Filled Electrical Connector And Method For Forming The Same	00950280.8	6/29/00	1218971	12/5/07
	NC056	EP	Terminal Blocks And Methods For Making And Breaking Connections In A Telecommunications Conductor	01948889.9	7/11/01		
	NC066	EP	Connector Assembly for Use with Connector Plug	03716674.1	3/13/03		
	NC074	EP	Toggle Type Telecommunications Terminal Blocks Including a Travel Limit Member	04794334.5	10/7/04		
	SG004	EP	Pressurized Telecommunications Cable Joint Heat Shrinkable Around Split Canister, To Form Hollow Cylinder	85905379.5	10/25/85	0201533	9/16/92
	VPC-017	EP	Printed Circuit for Modular Plug	99204290.3	12/13/99	1014513	5/31/06
	VPC-021	EP	Modular Plug Having Improved Crosstalk Characteristics	99204490.9	12/22/99	1017138	2/23/05
02136.4238EPWO	MP1476	EP	Oval Port Seal	94924483.4	7/21/94		
02316.2748EPWO	NT-00373	EP	Keying for MPO Systems	13754483.9	2/28/13		
02316.3053EPWO	NC072	EP	Optical Fiber Interconnect Cabinet	04757733.3	3/16/04	1604239	10/26/11
02316.3246WOU1	NT-00375	EP	Component Identification and Tracking System for Telecommunication Networks	12785141.8	5/16/12		
02316.3308EPWO	TO-00452	EP	Aggregation Enclosure for Elevated, Outdoor Locations	12778643.2	10/1/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.33 92EPWO	TO-00402	EP	Portable Device for Attaching a Connector to an Optical Fiber	12705020.1	2/7/12		
02316.33 98EPWO	MP1492	EP	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	95916228.0	4/6/95	0755618	6/21/00
02316.34 11EPWO	NT-00342	EP	Release Tab for an Electrical Connector and Electrical Connector Comprising Said Release Tab	12702552.6	9/9/13		
02316.34 11EPWO	NT-00347	EP	RJ Type Connector Including a Disengagement Feature Acting on the Latch of the Connector	12703777.8	9/9/13		
02316.34 13EPWO	TO-00509	EP	Optical Fiber Connection System Including Optical Fiber Alignment Device	13704398.0	2/6/13		
02316.35 61EPWO	NT-00354	EP	Flexible Lensed Optical Interconnect Device for Signal Distribution	12831456.4	9/7/12		
02316.35 62EPWO	NT-00355	EP	Bend-Limited Flexible Optical Interconnect Device for Signal Distribution	12831579.3	9/7/12		
02316.35 97EPWO		EP	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
02316.36 25EPWO		EP	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.36 27EPWO		EP	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY	14749636.8	2/5/14		
02316.38 27EPWO	NT-00317	EP	Electrical Connectors and Printed Circuits Having Broadside Coupling Regions	11749274.4	7/29/11		
02316.38 35EPWO	E-TO-00125	EP	Interface Module	07852603.5	10/9/07	2082456	8/28/13
02316.38 44EPWO	TO-00302	EP	Methods and Apparatus for Terminating Electrical Connectors to Cables	10803668.2	12/14/10		
02316.38 45EPWO	18204	EP	Method and Apparatus for Providing Out of Band Communications Over Structured Cabling	05852590.8	11/29/05		
02316.38 47EPWO	TO-00295	EP	Electrical Connector Having An Electrically Parallel Compensation Region	10747972.7	8/19/10		
02316.38 48EPWO	TO-00274	EP	Electrical Connector With Crosstalk Compensation	10747971.9	8/19/10		
02316.38 49EPWO	TO-00272	EP	Electrical Connector with Separable Contacts	10747970.1	8/19/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3871EP01	NT-00319	EP	A Connector Assembly	11151023.6	1/14/11		
02316.3873EP01	NT-00320	EP	Cable Clip For A Connector Assembly	11174342.3	7/18/11		
02316.3874EPU1	NT-00343	EP	Method and Apparatus for Mounting Rack Components on Racks	11192348.8	12/7/11		
02316.3875EPWO	NT-00338	EP	Distribution Frame with Patch Cables	11730465.9	6/2/11		
02316.3878EPWO	TY-00090	EP	Tool-Less Clamping Mechanism	12727461.1	5/23/12		
02316.3879EPWO	TY-00084	EP	Ferrule with Protruding Fibers	11758275.9	8/23/11		
02316.3882EPWO	E-TO-00009	EP	Electrical Connector with Crosstalk Compensation	05849935.1	12/16/05	1829168	5/14/08
02316.3883EPWO	E-TO-00028	EP	Duplex Plug Adapter Module	06769906.6	4/27/06	1875288	12/10/08
02316.3884EPWO	E-TO-00049	EP	Electrical Connector Adaptor with Strain Relief	06825295.6	10/2/06	1949507	4/1/09
02316.3885EPWO	NT-00315	EP	Mounting Feature for the Contact Array of an Electrical Connector	11702088.3	1/6/11		
02316.3887EPWO	E-TO-00088	EP	Receptacle with Crosstalk Optimizing Contact Array	07752799.2	3/9/07		
02316.3889EPWO	E-TO-00090	EP	Electrical Connector Having Contact Plates	07776305.0	4/26/07		
02316.3890EPWO	NT-00318	EP	Plug Assembly	11702089.1	1/10/11		
02316.3892EPWO	TY-00101	EP	Cable Anchoring System	12724819.3	5/23/13		
02316.3894EPWO	E-TO-00162	EP	Module Assembly Having Interface Module and Insertable Modular Jack	08794853.5	7/30/08		
02316.3904EPWO	18147	EP	INTERFACE ADAPTER MODULE	05730108.7	4/26/05	1754288	4/2/08
02316.3905EPWO	18066	EP	OPTICAL FIBER CLAMPING ASSEMBLY	04756567.6	6/30/04		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3908EPWO	E-TO-00241	EP	Terminal Block and Board Assembly for an Electrical Connector	10744623.9	8/10/10		
02316.3909EPWO	TO-00311	EP	A Panel Assembly For A Connectivity Management System	10742618.1	7/20/12		
02316.3911EP01	E-TO-00245	EP	Electrical Connector with Contact Spacing Member	10154994.7	3/1/10		
02316.3912EPWO	E-TO-00215	EP	Sensor Strip for a Connectivity Management System	09789105.5	8/11/09		
02316.3913EP01	E-TO-00220	EP	Cassette for a Cable Interconnect System	10152335.5	2/1/10		
02316.3914EP01	E-TO-00221	EP	Cassette Having Interchangeable Rear Mating Connectors	10154419.5	2/23/10		
02316.3915EPWO	E-TO-00205	EP	Electrical Connector With a Compliant Cable Strain Relief Element	09767072.3	6/18/09	2308138	8/7/13
02316.3917EP01	E-TO-00222	EP	Shielded Cassette for a Cable Interconnect System	10154424.5	2/23/10		
02316.3918EPWO	E-TO-00223	EP	Cassette for Use Within a Connectivity Management System	10709590.3	2/24/10	2401792	4/9/14
02316.3928EPU1	18207	EP	Small Form Factor Field-Installable Connector	05105912.9	6/30/05		
02316.3929EP01	E-CC-00538	EP	Field Terminating Method and Device	09157083.8	4/1/09		
02316.3980EPWO	TO-00425	EP	Fiber Optic Adapters and Connector Devices with Mounting Features and Mounting Systems and Methods Including the Same	12713825.3	3/14/12		
02316.3981EPWO	TO-00422	EP	Retainer Tab Assemblies and Slack Basket Systems, Fiber Optic Enclosures and Methods Including the Same	12716764.1	2/24/12		
02316.3982EPWO	TO-00420	EP	Cable Strain Relief Clamping Devices and Methods for Using the Same	12712435.2	3/1/12		
02316.3983EPWO	TO-00421	EP	Fiber Optic Splice Enclosures Having Interchangeable Endplate Assemblies and Methods Including the Same	12716762.5	2/24/12		
02316.3985EPWO	TO-00365	EP	Cable Enclosure Systems, Plugs and Methods for Using the Same	11738514.6	6/14/11		
02316.3986EPWO	TO-00266	EP	Fiber Optic Multi Dwelling Unit Deployment Apparatus and Methods for Using the Same	09764165.8	12/7/09		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3999EPD1	MP1374A	EP	Alarm And Test System For A Digital Added Mail Line	95201384.5	8/1/91	0682435	1/13/99
02316.3999EPD2	MP1374A	EP	Alarm And Test System For A Digital Added Mail Line	91914225.7	8/1/91	0547067	12/20/95
02316.3999EPD3	MP1374C	EP	Gel Filled Modular Electrical Connecting Block	98203335.9	1/12/94	0892467	4/16/03
02316.3999EPW2	MP1374C	EP	Gel Filled Modular Electrical Connecting Block	94906610.4	1/12/94	0680666	6/9/99
02316.4000EPWO	NC004	EP	Telecommunications Terminal Block	92922043.2	10/5/92	0685119	1/20/99
02316.4026EPWO	NC012	EP	Fiber Optic Splice Closure	94902329.5	11/20/93	0671021	2/13/02
02316.4029EPWO	NC005	EP	Fiber Optic Splice Organizer And Associated Method	93916869.6	6/29/93		
02316.4031EPWO	NC007	EP	Apparatus And Method For Uniformly Irradiating A Strand	94909735.6	2/25/94	0686080	10/7/98
02316.4045EPWO	E-TO-00027	EP	Optical Fiber Repair Apparatus with Adjustable Guide Member and Methods for Using the Same	06740128.1	3/30/06	1872164	5/5/10
02316.4053EPWO	E-TO-00085	EP	Fiber Optic Splice Storage Apparatus and Methods for Using the Same	06826468.8	10/23/06		
02316.4054EPWO	E-TO-00086	EP	Optical Fiber Clips, Random Access Management Systems Including Clips and Methods for Using the Same	06826501.6	10/23/06	1949162	1/11/12
02316.4058EPWO	E-TO-00097	EP	Sealing Assemblies and Methods for Sealing an Elongate Member	08726482.6	3/6/08		
02316.4071EPWO	E-TO-00175	EP	Method for Accessing a Fiber Within a Fiber Optic Cable to Splice Thereto and Tools for Use with the Same	08828869.1	8/25/08		
02316.4072EPWO	E-TO-00176	EP	Fiber Optic Cable Control Clips and Enslosure Assemblies and Methods Incorporating the Same	08795605.8	8/26/10	2185961	11/21/12
02316.4077EPWO	TO-00270	EP	Cable Clamping Devices and Methods for Using the Same	09796515.6	12/7/09	2376962	2/13/13
02316.4084EPWO	TO-00382	EP	Thermoplastics Gel Sealants	11781905.2	10/20/11		
02316.4236EPWO	NC015	EP	Apparatus Comprising Inductive And/Or Power Transfer And/Or Voltage Multiplication Components	96910817.4	4/11/96		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.4237EPWO	NC016	EP	Fiber Optic Splice Closure And Associated Methods	94915390.2	4/18/94		
02316I.4000EPD1	NC004	EP	Telecommunications Terminal Block	98201838.4	10/5/92		
06000.0011.P	NC032	EP	System For Protecting Telecommunications Equipment From Transient Voltages	00961840.6	9/13/00		
100.0047/01		EP	CELLULAR RADIO SYSTEM WITH CENTRALLY LOCATED BASE STATIONS AND DISTRIBUTED ANTENNA UNITS		5/25/94		
100.0070/01		EP	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	01201516.0	1/24/97		
100.0070/01		EP	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	97903135.8	1/24/97		
100.1231EP01	TO-00499	EP	Wireless Drop in a Fiber-to-the-Home Network	13722309.5	4/19/13		
100.1243EP01	NT-00411	EP	Heterogeneous and/or Hosted Physical Layer Management System	13815986.8	7/11/13		
1100-88 EPO	VPC-021	EP	Modular Plug Having Improved Crosstalk Characteristics	05075423.3	2/22/05		
2316.1006/01		EP	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	00902294.8	1/3/00	1142348	10/24/07
2316.1006/01		EP	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE (GLIDE)	07016975.0	1/3/00		
2316.1007/I1		EP	TELECOMMUNICATIONS JACK ASSEMBLY	00902296.3	1/4/00		
2316.1011/I2		EP	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	00939275.4	2/16/00	1166161	11/26/03
2316.1011/I4		EP	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	00964881.7	5/25/00	1185897	12/13/06
2316.1011/I4		EP	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	06025662.5	5/25/00		
2316.1011/I4		EP	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	10171732.0	8/3/10		
2316.1066/I1		EP	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	01964308.9	8/22/01	1368685	10/6/10
2316.1066/I1		EP	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	10175257.4	9/3/10		
2316.1687/I1		EP	COUPLER FOR CABLE TROUGH	03745587.0	3/21/03	1490937	5/5/10
2316.1687/I1		EP	COUPLER FOR CABLE TROUGH	10158567.7	3/31/10		
2316.1834/I1		EP	PATCH PANEL WITH MODULES	05724516.9	3/2/05	1733568	12/1/10
2316.1838/P2		EP	FIBER ACCESS TERMINAL	05728278.2	3/8/05	1730564	11/11/09
2316.1838/P2		EP	FIBER ACCESS TERMINAL	10177266.3	9/17/10	2267503	5/23/12

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1838/P2		EP	FIBER ACCESS TERMINAL	09011937.1	3/8/05		
2316.1890/I1		EP	METHODS AND SYSTEMS FOR POSITIONING CONNECTORS TO MINIMIZE ALIEN CROSSTALK	05713875.2	2/18/05		
2316.1904/01		EP	CROSS-CONNECT SYSTEM	94927163.9	8/23/94	0715773	5/24/00
2316.1904/I1		EP	Cross-connect method and apparatus	96908749.3	3/19/96	0815622	5/14/03
2316.1910/WO		EP	Communication wire	03798714.6	9/8/03		
2316.2295/I1		EP	SYSTEMS AND METHODS FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT	08000126.6	1/4/08		
2316.2295/I1		EP	FRAME FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT AND ASSOCIATE METHODS	10180636.2	11/17/04	2264499	3/19/14
2316.2295/I1		EP	FRAME FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT AND ASSOCIATE METHODS	10180735.2	11/17/04	2264501	7/25/12
2316.2295/I1		EP	SYSTEMS AND METHODS OF FIBER DISTRIBUTION AND MANAGEMENT	04811128.0	11/17/04		
2316.2295/I1		EP	FRAME FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT AND ASSOCIATE METHODS	10180686.7	11/17/04		
2316.2298/U1		EP	FIBER DROP TERMINAL	05817587.8	11/2/05		
2316.2298/U1		EP	OPTICAL FIBER DROP TERMINAL	10178297.7	11/2/05	2259115	7/31/13
2316.2298/U1		EP	OPTICAL FIBER DROP TERMINAL	10178311.6	11/2/05		
2316.2298/U1		EP	FIBER DROP TERMINAL	10184055.1	9/30/10		
2316.2299/P2		EP	LOOPBACK PLUG AND METHOD	06750587.5	4/19/06		
2316.2316/U3		EP	FIBER OPTIC CABLE BREAKOUT CONFIGURATION WITH "Y" BLOCK	07752524.4	3/6/07		
2316.2336/01		EP	FIBER DISTRIBUTION HUB WITH SWING FRAME AND MODULAR TERMINATION PANELS	07750142.7	2/7/07		
2316.2336/P1		EP	FIBER DISTRIBUTION HUB WITH OUTSIDE ACCESSIBLE GROUNDING TERMINALS	07750166.6	2/7/07	1987385	12/7/11
2316.2358/U4		EP	Telecommunications Distribution System with Line Sharing	07752428.8	3/7/07		
2316.2467/01		EP	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	07871593.5	11/28/07		
2316.2467/I1		EP	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	07871595.0	11/28/07		
2316.2584/P1		EP	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	08747702.2	5/6/08		
2316.2584/P2		EP	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	08837186.9	8/5/08	2176696	4/23/14

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2584/P2		EP	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	13163032.9	8/5/08		
2316.2584/P4		EP	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	08799151.9	9/4/08	2185962	8/22/12
2316.3345EPWO	TO-00482	EP	Hybrid Thermoplastic Gels and their Method of Making	13747597.6	7/31/13		
2316.3352EPWO	NT-00365	EP	Fiber Optic Wall Plate with Redundancy System	12860025.1	12/18/12		
2316.3846EP01	E-TO-00178	EP	A Coupler for Interconnecting Electrical Connectors	09152116.1	2/5/09		
5487.228.WO	E-TO-00043	EP	Sealing Assemblies and Methods for Sealing an Elongate Member	06749491.4	4/6/06		
5487-139	NC071	EP	Toggle Type Telecommunications Terminal Blocks	04749795.3	4/6/04		
TYCEO/P32112EP	NC059	EP	Low Profile Optical Fibre Network Interface Enclosure	01204160.4	10/30/01	1203974	2/1/06
WR135		EP	Cable Connector	91103281.1	3/5/91	0447869	9/21/94
61014		EP	RF MODEM WITH IMPROVED CLOCK RECOVERY CIRCUIT	87309520.2	10/28/87		
61015		EP	RF MODEM WITH IMPROVED BINARY TRANSVERSAL FILTER	87309417.1	10/26/87	269253	5/6/92
61018		EP	AUTOMATIC THRESHOLD ADJUSTMENT CIRCUIT FOR DIGITAL DATA	88303642.8	4/22/88		
61021		EP	PACKET NETWORK TIMING ANALYZER	89312929.6	12/11/89	375243	8/24/94
13621		EP	LOCAL AREA NETWORK INTERFACE	94201482.0	6/11/87	614249	
13621		EP	LOCAL AREA NETWORK INTERFACE	87904196.0	6/11/87	274487	1/11/95
13621		EP	LOCAL AREA NETWORK INTERFACE	94201481.2	5/25/94	614248	11/20/96
14000		EP	LAN COMMUNICATION SYSTEM AND MEDIUM ADAPTER FOR USE THEREWITH-Communication	88903570.5	3/21/88	307461	7/14/93
14035		EP	MODULAR PLUG COUPLER	88310105.7	10/27/88	319138	8/11/93
14305		EP	Insulation Displacing Barrel Terminal	89305747.1	6/7/89	0348066	4/6/94
14494		EP	ACCESS FLOORING MODULE	90307221.3	7/2/90	410588	3/20/96
14494		EP	ACCESS FLOORING MODULE	94203547.8	12/6/94	648001	10/8/97
14527		EP	POWER DISTRIBUTION SYSTEM FOR MODULAR FURNITURE UNITS	90115172.0	8/7/90	413242	3/27/96
14528		EP	PLUG-IN OUTLET UNIT FOR MODULAR FURNITURE POWER DISTRIBUTION SYSTEM	90115170.4	8/7/90	413241	3/22/95
14764		EP	INSULATION DISPLACING BARREL TERMINAL	92921641.4	10/7/92	560971	2/26/97
15030		EP	PROTECTOR MOUDULE FOR TELEPHONE LINE JUNCTION BOX AND METHOD	93105530.5	4/2/93		
15143		EP	CIRCUIT WIRING DEVICE	92311831.9	12/29/92	551768	6/26/96
15185		EP	TRUNK CABLE FAULT DETECTION AND RECONFIGURATION ARRANGEMENT	92307843.0	8/28/92		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
15239		EP	TELEPHONE JUNCTION ENCLOSURE AND SYSTEM FOR SEALING A WIRE OPENING ARRAY	93300810.4	2/4/93	556979	4/24/96
15263		EP	CABLE STRAIN RELIEF FOR A SHIELDED ELECTRICAL CONNECTOR	93107592.3	5/10/93	569918	8/28/96
15284		EP	SINGLE MODE FIBER OPTIC VARIABLE ATTENUATOR	93302126.3	3/19/93		
15396		EP	IMPROVED SHIELDED ELECTRICAL CONNECTOR	93306228.3	8/6/93	587303	10/21/98
15396		EP	IMPROVED SHIELDED ELECTRICAL CONNECTOR	98201173.6	8/6/93	865113	5/22/02
15476		EP	OVERMOLDED ALIGNMENT FERRULE	94302470.3	4/7/94		
15496		EP	MODULE FOR TELEPHONE LINE CONDUCTOR PAIR HAVING SINGLE PROTECTOR UNIT	94302471.1	4/7/94		
15526		EP	COMMUNICATIONS CONNECTOR TERMINAL ARRAYS HAVING NOISE CANCELLING CAPABILITIES	94110605.6	7/7/94	633632	4/5/00
15544		EP	OVERMOLD STRAIN RELIEF AND SNAG PREVENTION FEATURE	95926273.4	7/14/95	782774	4/22/98
15618		EP	ELECTRICAL CONNECTOR WITH SLOTTED BEAM CONTACT	94309378.1	12/15/94	664575	4/14/99
15626		EP	SPLICE TRAY RACK AND CABINET FOR FIBER OPTIC CABLES	94301842.4	3/15/94	620462	7/21/99
15672		EP	AUTOMATIC TOOL FOR MICRO-CONNECTOR	94304349.7	6/16/94		
15696		EP	INTERCONNECT ASSEMBLY FOR OPTICAL FIBER PLUGS	94114744.9	9/19/94	647865	7/29/98
15700		EP	Test Port for Network Interface Device Module	95911703.7	2/13/95	0750823	10/6/99
15736		EP	ENCLOSURE WITH SEALANT FOR SPLICED COAXIAL CABLE	94119438.3	12/8/94	657980	4/28/99
15780		EP	CAPTIVATED FIBER OPTIC CONNECTOR	95300340.7	1/20/95		
15872		EP	AN ELECTRICAL CONNECTOR AND AN ASSOCIATED METHOD FOR COMPENSATING FOR CROSSTALK BETWEEN A PLURALITY OF CONDUCTORS	96910735.8	4/4/96		
15879		EP	A COMMUNICATIONS WIRING SYSTEM INCLUDING A RECONFIGURABLE OUTLET ASSEMBLY	95309369.7	12/21/95		
15926		EP	OVERMOLDED FIBER OPTIC CONNECTOR FERRULE CAPILLARY HAVING OCTAGONAL COLLAR	96910362.1	2/29/96	815478	6/9/99
16012		EP	DIVERGENT LOAD BAR	95932408.8	9/8/95	789939	6/23/99
16120		EP	MODULAR JACK SUBASSEMBLY FOR USE IN A NETWORK OUTLET	96932137.1	8/5/96	842554	5/12/99
16121		EP	WIRE CONNECTING SYSTEM	96911575.7	4/4/96	826251	1/5/00
16167		EP	ADD-ON MTU ASSEMBLY FOR USE IN A TELEPHONE SUBSCRIBER JUNCTION BOX	96902150.0			

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
16184		EP	STRAIN RELIEVING HOLDER FOR OPTICAL FIBER CABLE	96916485.4	5/15/96		
16194		EP	PATCH CARD ASSEMBLY	96922598.6	6/27/96	835535	12/29/99
16196		EP	WIRE STUFFER CAP/STRAIN RELIEF FOR COMMUNICATION NETWORK OUTLET	96935940.5	9/25/96	852825	5/12/99
16410		EP	WIRE CARRIER FOR ELECTRICAL CONNECTOR MODULE	96945590.6	12/12/96	1016167	7/24/02
16439		EP	WIRE CARRIER FOR ELECTRICAL CONNECTOR MODULE	97921083.8	3/6/97	886890	6/27/01
16446		EP	PATCH PANEL HAVING SNAP TOGETHER CONSTRUCTION	97927680.5	5/21/97	1012917	7/31/02
16463		EP	NON-OHMIC ENERGY COUPLING FOR CROSSTALK REDUCTION	97906720.4	2/26/97	883977	11/8/00
16679		EP	ELECTRICAL CONNECTOR WITH PAIRED TERMINALS	97944460.1	9/25/97	928505	9/4/02
16795		EP	NETWORK INTERFACE MODULE	98906069.4	1/30/98		
17123		EP	MULTIPLE FIBER SPLICE ELEMENT AND CONNECTOR	98309263.6	11/12/98	916974	3/22/06
17153		EP	MULTI CHANNEL FIBER OPTIC CONNECTOR WITH SINGLE ATTACHED LATCH	99917616.7	4/16/99	1073923	11/3/04
17243		EP	MODULAR PLUG HAVING A CIRCUIT BOARD	99305018.6	6/25/99	971444	8/13/08
17324		EP	TERMINATING WIRE CARRIER MODULE	99305070.7	6/28/99	969553	3/26/08
40057		EP	SHIELDED DATA CONNECTOR	93301280.9	2/22/93	558250	4/16/97
40057		EP	SHIELDED DATA CONNECTOR	96202067.3	2/22/93	0744791	7/26/00
40108		EP	DATA COMMUNICATION OUTLET KIT	94106690.4	4/28/94	622868	3/15/00
40113		EP	SUBSCRIBER INTERFACE BOX	94305022.9	7/7/94	0637176	12/18/02
40174		EP	PATCH PANEL IDC CONNECTOR	94309670.1	12/22/94	0669676	4/7/99
40256		EP	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	95118433.2	11/23/95	0716477	8/22/01
40363		EP	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	96911092.3	5/14/96	0826253	7/7/99
40377		EP	WIRE CUTTING ELECTRICAL CONNECTOR HAVING TEST PROBE ACCESS	96913662.1	5/22/96	0829114	3/17/99
40484		EP	TWISTED PAIR CABLE AND CONNECTOR ASSEMBLY	97102403.9	2/14/97	793305	9/11/02
40584		EP	MODULAR JACK HOUSING WITH SHUNT ON PCB	97120628.9	11/25/97		
40595		EP	FLEX FILM CONDUCTOR CONNECTOR ASSEMBLY WITH LOW PROFILE	97121528.0	12/8/97		
40656		EP	HOLDER BAR FOR SPLICE HEAD	97108692.1	5/30/97		
40708		EP	DISTRIBTUION AND INTERCONNECTION ASSEMBLY FOR COMMUNICATIONS WIRES	NA	7/18/97		
40758		EP	CONNECTOR CABLING TERMIINATOR	99100687.5	1/15/99	1020964	10/12/05
40787		EP	DISTRIBUTIO AND CROSS-CONNECTION TERMINAL BLOCK	NA	2/19/98		
40811		EP	DISTRIBUTION OR CROSS-CONNECTION ASSEMBLY	NA	4/25/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
40837		EP	TELECOMMUNICATIONS WIRING CABINET	98401615.4	6/29/98		
40847		EP	SPLICING CONNECTOR	98113873.8	7/24/98		
40881		EP	CAT7 MODULAR JACK AND PLUG	NA	11/23/98		
40886		EP	CAT7 MODULAR JACK AND PLUG	991000258	1/4/99		
40893		EP	VOLTAGE SURGE PROTECTOR MODULE FOR TELECOMMUNICATIONS CONNEC TORS	NA	2/2/99		
61007		EP	COMMON MEDIUM TIME DIVISION MULTIPLEX RING USING LOCAL LOGIC	86309379.5	12/2/86	230116	4/24/91
61019		EP	METHOD AND APPARATUS FOR TESTING FIBER OPTIC HUBS	88309579.6	10/13/88	0315331	3/18/92
68016		EP	FIBER OPTIC ATTENUATOR	93907355.7	3/8/93		
TO-00559		EP	Cable Management System including Splitter/Filter Tray	13734390.1	7/4/13		
WR031		EP	Catv Box ; Moulded Parts	81105584	7/16/81		
WR035		EP	Cable Marker Plate	82103744	5/3/82		
WR045		EP	Inside-Out Moulded End Part	82105976.3	7/5/82	0080016	6/12/85
WR061		EP	Feedthrough	84100404	1/17/84		
WR074COM		EP	Branch-Out X-Filling Piece In Sleeve End	85116244.6	12/19/85	0188777	3/15/89
WR076COM		EP	Probe For Making Electrical Contact With A Cable	86100660.9	1/20/86		
WR082		EP	S.C.O.P. With Pattern Of Recesses	86304520.9	6/12/86	0209245	6/5/91
WR090		EP	Fiber Optic Organizer	86110361.2	7/26/86	0216073	9/20/90
WR100		EP	Coaxial Cable Stripper	86107892.1	6/10/86		
WR102		EP	Heat Shrink Radi With Removable Outlets	87301936.8	3/5/87	0236141	11/11/92
WR103		EP		87304348.3	5/15/87		
WR104		EP		87109022.1	6/23/87		
WR110		EP			3/3/88		
WR110COM		EP	Complex Housing For Catv Box. Assigned To Rose.	88103453.2	3/5/88		
WR112		EP	Telescopic Duct Seal	88111893	7/23/88	0305723	5/26/93
WR118		EP	Cable Cutting Tool	89105061	3/21/89	0338273	6/3/92
WR119		EP	High Frequency Shielded Connection For Coax Cable	89110438.2	6/9/89		
WR120		EP	Multi-Outlet Box For Cables	89111573.5	6/24/89		
WR121		EP	Device For Forming An Interchange Point In A Telecommunications Network	89121409.0	11/18/89		
WR122		EP	Heat Shrinkable Horseshoes	89910850.0	9/26/89		
WR126		EP	Catv Box With Pigtail Leads. Assigned To Rose.	88115287	9/17/88		
WR129		EP	Device For Sealing Unoccupied Cable Conduits	89104239.2	3/10/89	0386299	8/3/94
WR133		EP	Electrical Plug Connector	90110859.7	6/8/90	0419766	10/12/94
WR136		EP	Cable Splice				
WR137		EP	Connection To Terminal Plate. Similarity To D. Terminator	91907679.4	4/12/91	0525018	10/2/96
WR140		EP	Mechanical Radi Seal	91916615.7	9/12/91	0548203	8/21/96
WR142		EP		91920407.3	11/27/91		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR143		EP		92906580.3	3/16/92		
WR144		EP		92106836.7	4/22/92	0516960	
WR145		EP	Fibre Optic Housing With Consumer Tap And Lead To Next Consumer I Same Housing.	92109429.8	6/4/92	0531628	9/25/96
WR146		EP	Modified Ezf Connector	92923062.1	11/13/92		
WR147		EP	Modified Ezam Cable Duct Seal For Vault Closure	93902416.2	1/20/93	0623199	10/23/96
WR148		EP	Hand Operated Multiple Wire Connector With Guide Slots	93903272.8	2/12/93		
WR150		EP		93905476.3	2/25/93		
WR151		EP		93900301.8	12/18/92		
WR155		EP	Silicone Rubber Seal For Box	93918003.0	8/11/93		
WR156		EP	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	93919538.4	9/14/93	0660971	12/11/96
WR159		EP	Uteic With Ports For In-Line Or Butt Connection	94906966.0	2/23/94		
WR160		EP	Catv Splitter With Variable Attenuation	94903960.6	1/6/94	0678221	6/4/97
WR161		EP	Uteic With Stack Of Trays	94919754.5	7/4/94	0707714	10/15/97
WR162		EP	Uteic With Translational Movement Hinge	94304757.1	6/29/94		
WR163		EP	Uteic With Dust Flap	94919793.3	7/8/94		
WR164		EP	Uteic Cable Gripper With Self-Centring	94902984.7	1/6/94	0678222	9/3/97
WR165		EP	Catv Box For In-Line/Butt Connection	94924359.6	8/23/94	0715776	10/14/98
WR166		EP	Shaped Silicone Rubber Seal For Uteic Closure	94924915.5	8/23/94		
WR167		EP		94927025.0	9/26/94		
WR168		EP		94931106.2	10/27/94		
WR170		EP		94307013.6	9/26/94		
WR171		EP	Catv Tap With Switch	95932822.0	9/26/95		
WR172		EP	Catv Tap With Power Tap-Off	95932823.8	9/26/95		
100.0051		ES	PERFORMANCE MONITORING AND FAILURE ISOLATION IN A POINT-TO-MULTIPOINT COMMUNICATION NETWORK	94902250.3	11/15/93	0 702 870	9/1/99
100.0058		ES	HYBRID FIBER/COAX VIDEO AND TELEPHONY COMMUNICATION SYSTEM	95933845.0	9/19/95		
100.0603		ES	ARRANGEMENT FOR MEASURING CONDITION OF ANTENNA IN MOBILE TELEPHONE SYSTEM	97660123.7	11/20/97		
100.0922		ES	Method and system for distributing multiband wireless communications signals	02394013.3	1/24/02	1227605	1/2/08
100.0937		ES	Distribution of radio-frequency signals through low bandwidth infrastructures	97922450.8	4/18/97	0 894 369	2/18/04
100.0972		ES	Cellular base station with intelligent call routing	96913256.2	4/29/96	0 824 836	7/11/01
100.1141		ES	DISTRIBUTED DIGITAL REFERENCE CLOCK	11813094.7	7/27/11	2599240	12/17/14
100.1157		ES	Photon Detector and Method of Manufacturing	970924964	5/21/97	0901613	1/23/02
2316.0095		ES	JACK DEVICE	86309708.5	12/12/86	0 230 746	2/22/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0113		ES	TERMINAL ASSEMBLY	87101289.4	1/30/87	0 233 527	11/13/91
2316.0172		ES	OPTICAL SWITCH	08901555	5/5/89	2,013,486	3/20/90
2316.0300		ES	PLUG-IN JACK CARD FOR NORMALLY CLOSED CONTACTS	91402605.9	9/30/91	0 486 331	7/24/96
2316.0372		ES	MINIATURE COAX JACK MODULE	92915879.8	7/14/92	2,101,856	6/4/97
2316.0372		ES	MINIATURE COAX JACK MODULE	96202654.8	7/14/92	2,151,988	11/2/00
2316.0454		ES	REAR CROSS-CONNECT DSX SYSTEM	94912250.1	3/17/94	2,115,943	5/13/98
2316.0488		ES	HIGH-DENSITY FIBER DISTRIBUTION FRAME	2,129,192	11/16/94	0 740 803	1/27/99
2316.0488		ES	HIGH-DENSITY FIBER DISTRIBUTION FRAME	98112420.9	11/16/94	0 871 047	4/16/03
2316.0691		ES	SWITCHING COAX JACK DEVICE	98913075.2	3/23/98	0 972 320	6/12/02
2316.0706		ES	AMPLIFIER SWITCH CONTROLLER AND SYSTEM	9950031	12/9/97	2,156,097	2/1/02
2316.0706		ES	AMPLIFIER SWITCH CONTROLLER AND SYSTEM	P200201690	7/18/02		
2316.0709		ES	RF CIRCUIT MODULE	9950029	12/8/97	2,156,096	2/1/02
2316.0753		ES	DSX MODULE WITH REMOVABLE JACK	98908667.3	2/23/98	0 963 620	9/18/02
2316.0777		ES	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	01104552.3	3/5/01	1 120 866	10/15/03
2316.0777		ES	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	98911988.8	3/23/98	0 972 319	5/22/02
2316.0786		ES	FIBER CONNECTOR AND ADAPTER	03004353.3	5/14/98	1331496	1/4/06
2316.0786		ES	FIBER CONNECTOR AND ADAPTER	98922274.0	5/14/98	0 983 525	7/9/03
2316.0786		ES	FIBER CONNECTOR AND ADAPTER	99944053.0	9/1/99	1114346	6/27/07
2316.0891		ES	REPAIRABLE CONNECTOR AND METHOD	02011684.4	1/5/99	1 246 316	3/31/04
2316.0891		ES	REPAIRABLE CONNECTOR AND METHOD	99901287.5	1/5/99	1 051 777	5/2/03
2316.0942		ES	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	99923237.4	5/20/99	1 084 523	8/6/03
2316.0974		ES	FIBER OPTIC CABINET AND TRAY	99943934.2	8/25/99	1116062	7/16/08
2316.1009		ES	DSX MODULE WITH REMOVABLE JACK	00920005.6	3/31/00	1 169 753	5/14/03
2316.1017		ES	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	00908583.8	2/10/00	1151620	8/26/09
2316.1171		ES	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	01918654.3	3/14/01	1 273 081	1/17/07
2316.1250		ES	CABLE EXIT TROUGH WITH INSERT	01977447.0	10/4/01	1356321	4/4/07

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1289		ES	LOW PROFILE CABLE EXIT TROUGH	01987552.5	10/29/01	1372991	4/26/06
2316.1481		ES	DSX JACK INCLUDING SLIDING REAR CONNECTOR	07000813.1	1/16/07	1793454	12/29/10
2316.1481		ES	DSX JACK INCLUDING SLIDING REAR CONNECTOR	02762071.5-1528	4/11/02	1391010	1/24/07
2316.1599		ES	FIBER TERMINATION BLOCK WITH ANGLED SLIDE	02782279.0	11/7/02	1446691	6/24/09
2316.1637		ES	TRIAXIAL CONNECTOR ADAPTER AND METHOD	03731947.2	1/16/03	1472762	3/18/09
2316.1692		ES	REAR ACCESS DSX SYSTEM	03809547.7	10/8/03	1557051	4/9/08
2316.1744		ES	HIGH DENSITY PANEL WITH ROTATING TRAY	03752606.8	9/26/03	1557048	3/20/11
2316.1780		ES	FIBER CONTAINMENT SYSTEM	04753765.9	5/28/04	1632116	5/25/11
2316.1785		ES	TELECOMMUNICATIONS CONNECTION CABINET	04755793.9	6/18/04	1639840	1/25/12
2316.1785		ES	TELECOMMUNICATIONS CONNECTION CABINET	11166490.0	5/18/11	2360937	12/19/12
2316.1787		ES	FIBER OPTIC CONNECTOR HOLDER AND METHOD	09011819.1	9/16/09	2138878	3/25/15
2316.1799		ES	COVER FOR CABLE TROUGH	04795274.2	10/13/04	1680845	12/3/14
2316.1801		ES	FIBER OPTIC CABLE AND FURCATION MODULE	04809652.3	9/1/04	1664878	6/22/11
2316.1823		ES	SERVICE BLOCKER DEVICE AND METHOD	05853771.3	12/12/05	1825310	2/27/13
2316.1863		ES	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	05771738.1	6/13/05	1766452	8/4/10
2316.1863		ES	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	10183098.2	9/30/10	2261713	3/20/13
2316.1888		ES	CABLE WITH OFFSET FILLER	04795260.1	10/14/04	1687833	10/2/13
2316.1891		ES	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	05713874.5	2/18/05	1728300	4/15/15
2316.1894		ES	Tuned patch cable	00932775.0	5/25/00	1212758	8/13/08
2316.1912		ES	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	08008856.0	5/14/08	1962519	9/29/10
2316.1912		ES	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	05 826 135.5	11/2/05	1808028	5/14/08
2316.2109		ES	FIBER OPTIC CONNECTOR HOLDER	06788020.3	7/20/06	1913430	1/28/09
2316.2138		ES	OPTICAL FIBER PATCH PANEL	89306553.2	6/27/89	0 349 290	8/11/93
2316.2143		ES	STACKABLE SPLICE CHIP DEVICE	06802138.5	8/22/06	1929348	10/12/11
2316.2314		ES	FIBER OPTIC SPLITTER MODULE	07749942.4	2/6/07	1987383	5/6/15

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2329		ES	Connecting Hardware with Multi-Stage Inductive and Capacitive Crosstalk Compensation	07852669.6	10/11/07	2082458	6/3/15
2316.2378		ES	Telecommunications Jack with Crosstalk Compensation and Arrangements for Reducing Return Loss	07775101.4	4/10/07	2008346	2/13/13
2316.2379		ES	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	07755200.8	4/10/07	2008345	6/23/10
2316.2379		ES	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	10163786.6	5/25/10	2216855	12/7/11
2316.2473		ES	FIBER OPTIC CONNECTOR MECHANICAL INTERFACE CONVERTER	08713473.0	1/3/08	2106562	3/11/15
2316.2652		ES	Low Profile Fiber Distribution Hub	P 200803093	10/30/08	2361544	3/31/12
2316.2666		ES	Improved Far End Crosstalk Compensation	09709848.7	2/12/09	2243200	9/5/12
2316.2700		ES	WAVELENGTH DIVISION MULTIPLEXING MODULE	09706377.0	1/29/09	2243237	9/18/13
2316.2788		ES	Cable Anchoring Device	P 201050020	4/16/09		
2316.2802		ES	METHODS AND SYSTEMS FOR DISTRIBUTING FIBER OPTIC TELECOMMUNICATIONS SERVICES TO LOCAL AREA	P 201050025	6/19/09		
2316.3005		ES	Wall-Mounted Fiber Distribution Hub	201000855	6/30/10		
2316.3053		ES	OPTICAL FIBER INTERCONNECT CABINETS, TERMINATION MODULES AND FIBER CONNECTIVITY MANAGEMENT FOR THE SAME	04757733.3	3/16/04	1604239	10/26/11
2316.4298		ES	CONNECTOR WITH SEPARABLE LACING FIXTURE	P201530372	3/20/15		
	NC049	ES	Sealant-Filled Electrical Connector And Method For Forming The Same	00950280.8	6/29/00	1218971	12/5/07
	99-017	ES	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	00-004	ES	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-018	ES	Plastic patch panel	01985780.4	9/24/01	1322981	7/14/04
	17968	ES	NETWORK CONNECTION SENSING MODULE	03768701.9	11/5/03	1559277	1/6/10
	03-009	ES	Wall outlet box	04765904.0	10/8/04	1678797	4/14/10
	03-010	ES	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	05-013	ES	Mounting apparatus for line and plug-in connecting elements	06762987.3	8/4/06	1915876	10/3/12
	06-009	ES	Connector Block	07765227.9	7/18/07	2044781	4/23/14

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	07-004	ES	Terminal block	07856677.5	12/13/07	2127029	4/23/14
	TO-00270	ES	Cable Clamping Devices and Methods for Using the Same	09796515.6	12/7/09	2376962	2/13/13
	00-015	ES	Electrical Connector	01956564.7-2217	7/26/01	1312137	5/25/05
	00-019	ES	Optical Fibre Connection Housing	01982343.4-1524	9/24/01	1329011	8/31/05
	01-004	ES	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	01-005	ES	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	02-005	ES	Distribution box connection module for telecommunications and data technology	03792214.3-2214	7/18/03	1527503	5/14/14
	04-007	ES	Housing	04790911.4-2207	10/27/04	1678798	3/3/10
	06-006	ES	Plug-in connector for telecommunications and data technology	07765225.3-1528	7/18/07	2047571	4/20/11
	07-002	ES	Electrical plug-in connector	07856679.1-2214	12/13/07	2127044	8/13/14
	08-016	ES	Strain relief means	09761376.4-2216	5/19/09	2288949	4/16/14
	18031	ES	CABLE TERMINATING APPARATUS AND METHOD	04253289.5	6/2/04	1484824	1/16/08
	MP1492	ES	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	95916228.0	4/6/95	0755618	6/21/00
	MP0192	ES	Heat-Recoverable Article With Self-Contained Heater	441298	9/26/75	441298	9/19/77
	MP0219	ES	Expandable Heater With Apertured Electrodes	454.025	12/7/76	454.025	9/14/77
	MP0790COM	ES	Thermoweave	540311	1/5/84	540311	9/4/86
	MP0790COM	ES	Thermoweave	528707	1/5/84	528707	3/8/85
	MP0790COM	ES	Thermoweave	540312	1/5/84	540312	9/10/87
	MP0790COM	ES	Thermoweave	296530	1/5/84	0296530	5/8/89
	MP0867	ES	Laminar Electrical Heaters	532367	5/10/84	532367	5/9/85
	MP1086	ES	Devices Comprising PTC Conductive Polymers	86307651.9	10/3/86		
	00-001	ES	Shielding device for terminal blocks	00126936.4	12/8/00	1117158	2/13/08
	00-002	ES	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-007	ES	Electrical connector with spaced contact portions	01940348.4-1231	4/25/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-008	ES	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01	1290760	11/12/03
	00-009	ES	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-012	ES	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-013	ES	Connection module	01117086.7	7/13/01		
	00-017	ES	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05
	02-003	ES	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	02-004	ES	Device for an optical-fiber connection	03727357.0-1234	4/25/03	1502142	6/28/06
	03-001	ES	Distribution frame with access for testing	04712500.0-2414	2/19/04	1602225	10/17/07
	03-003	ES	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-004	ES	Glass-fiber coupler module	04723539.5	3/26/04	1613993	12/5/07
	03-005	ES	Conductor connection module for printed circuit boards	04740236.7-2214	6/24/04	1649549	11/2/06
	03-006	ES	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-013	ES	Construction kit for distribution cabinets	04006018.8	3/12/04	1458073	1/3/07
	04-012	ES	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	ES	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-010	ES	Protective plug for distribution frame devices for telecommunications and data technology	06754344.7	6/13/06	1894281	9/14/11
	05-011	ES	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	ES	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	07-010	ES	Sleeve for optical waveguide cables	08715782.2-1524	2/15/08	2132589	8/3/11
	78-125	ES		479067	3/29/79	479067	2/1/80
	78-126	ES		250483	4/18/79	250483	3/16/81
	80-128	ES	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	500871	3/30/81	500871	11/3/81
	80-129	ES	A twin contact terminal element	500141	3/5/81	264802	7/16/86
	80-132	ES	A self supporting terminal element	500624	3/23/81	267153	6/20/83

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	81-135	ES	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	274780	9/13/82	274780	6/1/84
	82-030	ES	Modular plug connector	277169	12/3/82	277169	2/26/85
	83-140	ES	A cable distribution head	276769	1/10/84	276769	10/17/84
	83-142	ES	A heat protection device for over-voltage arrester magazines	280298	6/29/84	280298	6/4/85
	83-142	ES	A heat protection device for over-voltage arrester magazines	280331	6/29/84	280331	4/26/85
	84-011	ES	Connection module	286673	5/10/85	286673	3/20/86
	84-013	ES		285125	3/5/85	285125	2/19/86
	84-147	ES	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	281266	8/27/84	281266	6/18/85
	85-003	ES		5562212	6/18/86		
	86-019	ES	Connector bank for cable wires, in particular for telephone cables	87730032.7	4/3/87	0244347	8/21/91
	86-064	ES	A casing, particulary a junction-box casing for telecommunications engineering	87730050.9	5/8/87	0253756	11/18/93
	86-066	ES	Cutting/clamping terminal element for electrical conductors	87730118.4	9/30/87	0270479	8/12/92
	86-068	ES		87730118.4	9/30/87	0270479	5/6/92
	86-069	ES	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	87730134	10/27/87	0270480	4/13/94
	86-069	ES	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	93112523.1	8/5/93		
	86-156	ES		87730030.1	3/21/87	0243296	12/27/90
	87-003	ES		88730042.4	2/24/88		
	87-075	ES	Connector bank for telecommunication devices	88730118.2	5/17/88	0302814	2/16/94
	87-077	ES	Device for holding connector banks in telecommunication systems	88730116.6	5/13/88	0304393	1/12/94
	87-078	ES	Connection device for telecommunications	88112582.7	8/3/88	0308635	11/11/92
	87-166	ES	Terminal unit for cable pairs in Telecommunication systems	88730114.1	5/11/88	0296095	3/24/93
	88-006	ES		88730074.7	3/24/88	0288418	7/22/92

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	88-086	ES	Tool for connecting cable wires	88730250.3	11/12/88	0329917	11/19/92
	88-087	ES		88117463.5	10/20/88	0328738	
	88-088	ES	Protective plug for connector or disconnector banks	89100535.7	1/13/89	0338187	12/29/93
	88-091	ES	Receiving pre-amplifier for an optical telecommunication line	89730043.0	2/22/89	0344091	11/3/93
	88-092	ES		88113259.1	8/13/88	0312729	
	88-095	ES	Contact member of electrical conductors	89730120.6	5/11/89	0360727	10/12/94
	88-097	ES	Connection device for switchung or disconnection line paths in telephone exchanges	89115536.8	8/23/89	0365780	4/26/95
	88-098	ES	Plug connector for telecommunication and data systems	89730204.8	8/23/89	0373096	9/8/93
	88-159	ES	Connecting element for optical waveguides	88112078.6	7/27/88	0309677	12/15/93
	89-005	ES	Protection plug for connector banks of telecommunication and data systems	90101057.9	1/19/90	0388585	12/21/94
	89-006	ES	Connector banks with voltage surge protection	90250072.7	3/16/90	0399628	6/7/95
	89-008	ES		90111280.5	6/15/90		
	89-010	ES	Wire connector for cable wires, in particular of telecommunication cables	90115668.7	8/16/90	0428832	1/12/94
	89-101	ES	Plug connector	90250004.0	1/4/90		
	89-102	ES	Shield connecting element for a connector bank	90250003.2	1/4/90	03823322	10/6/93
	89-192	ES	Electrical Connector	90122815.5	11/29/90	0445376	4/19/95
	90-002	ES	Voltage limiter	90122922.9	11/30/90	0440905	8/30/95
	90-006	ES	Connecting block for the telecommunication and data technology	91100348.1	1/12/91	0446572	1/11/95
	90-008	ES		91102642.5	2/22/91	0447834	
	90-009	ES	Device for displaying announcements, in particular prices in numerical form	91103873.5	3/14/91	0451528	9/8/93
	90-011	ES	Terminal block for telecommunications systems	91103990.7	3/15/91	0456987	5/6/93
	90-012	ES	Cutting Clamping Contact	91106635.5	4/25/91	0459144	5/24/95
	90-015	ES	Protective circuit and protective device plug for telecommunication installations	91110018.8	6/19/91	0471167	5/25/94
	90-021	ES		91115168.6	9/7/91	0484654	12/5/91
	91-001	ES		91119994.1	11/23/91		
	91-010	ES		92108267.3	5/15/92		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	91-011	ES	Insulation displacement contact terminal	92111624.0	7/9/92	0525457	3/6/96
	91-013	ES	Terminal bank for the telecommunication and data technology	92111854.3	9/9/92	0529267	6/16/99
	91-014	ES	Cutting and clamping sleeve contact	9211972.3	7/14/92	0531664	1/31/96
	91-022	ES	Switching assembly for glass fibre cables of the telecommunication and data technology	92113177.7	8/3/92	0536496	2/11/98
	91-029	ES		92109367.0	6/3/92	0528125	9/7/94
	92-004	ES	Case, in particular cable branching case	92120714.8	12/4/92		
	92-006	ES	Cutting and clamping Terminal Element	93101539.0	2/2/93	0558937	1/3/96
	92-009	ES			2/24/93		
	92-014	ES	Split flap display device	93110150.5	6/25/93	0583577	1/3/96
	92-015	ES	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	93112697.3	8/7/93		
	92-019	ES	Method for elctronically labelling articel	93250311.3	11/10/93		
	92-021	ES		93115054.4	9/18/93	0601290	6/4/97
	92-022	ES	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	93114996.7	9/17/93	0601289	11/27/96
	92-024	ES	Signal-connector with capacitive adjustment for improved crosstalk parameters	93113952.1	9/1/93	0598192	1/8/97
	92-025	ES	Method and arrangement for optically representing information	93114019.8	9/2/93		
	92-026	ES	Method and arrangement for establishing networks of electro-optical display-field modules	93116523.7	10/13/93		
	93-005	ES	Closing device for the door of a casing	P9400153	1/26/94	2114350	12/16/98
	93-006	ES		931119488.0	12/3/93		
	93-008	ES	Termination device for the communication and data technique	93119249.6	11/30/93		
	93-009	ES	Distribution device, in particular for the main distribution device of telephone and data lines	93119583.8	12/4/93	0618741	3/18/98
	93-015	ES	Cable branching device	94103854.9	3/14/94	0623832	5/27/98
	93-017	ES	Method for monitoring the filing levels of material of value collection containers	94105657.4	4/13/94		
	93-020	ES	Termination module	94105314.2-2214	4/6/94	0632527	1/20/99

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	93-023	ES	Connection block for high speed transmission in the telecommunication and data system	94108404.8	6/1/94	0637097	9/2/98
	93-028	ES	Clamping Terminal unit	94112249.1	8/5/94	0643454	1/14/98
	93-030	ES	Terminal block	94113179.3	8/24/94	0645841	11/11/98
	93-032	ES	Electrical Plug Connector	94114414.9	9/14/94		
	93-033	ES		94114068.3	9/8/94		
	93-034	ES	Termination unit for telecommunication and data lines	94116632.4	10/21/94		
	93-036	ES	Coupling device between a glass fibre and a dielectric waveguide	94117310.6	11/3/94		
	94-003	ES	Digital electronic Loop Crossconnect & Carrier System	94117980.6	11/25/94		
	94-005	ES	Separation spark gap for limiting the maximum voltage on a surge arrester	94118945.8	12/1/94	0665619	3/5/97
	94-006	ES	Winding cartridge	94108836.1	6/9/94		
	94-007	ES	Insulation displacement contact element	94117060.7	10/28/94	0665614	4/19/00
	94-009	ES		94119809.5	12/15/94	0667650	9/9/98
	94-012	ES	Obliquely disposed insulation displacement contact	95100738.4-2214	1/20/95	0675564	9/30/98
	94-015	ES	Housing for optical components	95102617.8	2/24/95	0679917	1/19/00
	94-018	ES	Automatic distribution device for telecommunication and data lines	95106047.4	4/22/95		
	94-019	ES	Distribution apparatus, particularly for the main distributor of telecommunications or data lines	95107287.5	5/13/95	0689365	1/24/01
	94-021	ES	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95105067.3	4/5/95	0690539	7/7/99
	94-022	ES	Electrical Plug Connector	95106785.9	5/5/95	0693801	8/26/98
	94-025	ES	Printed Circuit Board for Connectors	95108378.1	6/1/95	0697804	2/9/00
	94-026	ES	Flip-over Display Module	95109294.9	6/16/95		
	94-027	ES	Manufacturing process for structured metal plating on surfaces	94113917.2	9/6/94	0643153	6/19/96
	94-031	ES	Protection plug	95109298.0	6/16/95	0706194	9/3/97
	94-032	ES	Terminal element	95109771.6	6/23/95	0706234	11/24/99
	94-035	ES	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	95111172.3	7/15/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-036	ES	Cable protection element	95106431.0	4/28/95		
	94-037	ES	19"Racking system	95106430.2-2207	4/28/95		
	95-006	ES	Electrical Connectors	96105422.8	4/4/96		
	95-009	ES	Switching field	96112250.4-2302	7/30/96	0758792	10/17/01
	95-010	ES	Electrical Connector	96112491.4	8/2/96		
	95-012	ES	Distribution device for telecommunications and data technique	96113135.6	8/16/96		
	95-013	ES	Termination device for the telecommunication and data technique	96114423.5-2209	9/10/96		
	95-016	ES	Terminal block for high transmission rates	96111904.7-2308	7/24/96	0766352	11/29/00
	95-017	ES	Connecting device for telecommunication and data technique	96110940.2-2308	7/6/96		
	95-019	ES	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96113454.1-2209	8/22/96		
	95-020	ES	Automatic re-arrangement and distribution device for telecommunication and data lines	96115100.8	9/29/96		
	95-022	ES	Main distribution frame MDF	96920705.9	6/26/96		
	96-001	ES	Electronic access control and security system	97101244.8	1/28/97		
	96-002	ES	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97101240.6	1/28/97	0797379	9/18/02
	96-005	ES	Management-capable splice cassette	97101253.9	1/28/97		
	96-006	ES	Earthing module	97104914.3-2308	3/22/97		
	96-007	ES	Termination tool	97104913.5-2308	3/22/97		
	96-011	ES	High density high performance connector	97108131.0	5/20/97		
	96-013	ES	Connecting terminal	97111592.8	7/9/97	0837525	11/8/00
	96-018	ES	Clamping device	97118901.4	10/30/97	0844694	3/1/00
	96-019	ES	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-020	ES	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	96-021	ES	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	97118903.0	10/30/97	0849850	7/11/01

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	97-002	ES	Outdoor housing	98102656.0	2/17/98	0863593	8/29/01
	97-003	ES	Protection Plug	98102655.2	2/17/98	0862197	6/9/99
	97-008	ES	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-011	ES	Cable fastening	98102653.7	2/17/98		
	97-012	ES	Distribution block for telecommunication and data technology	98103424.2	2/27/98		
	97-013	ES	Stationary housing with wall elements made of plastic	98103423.4	2/27/98		
	97-016	ES	Overvoltage protection module	98107492.5	4/24/98		
	97-017	ES	Safety Plug (Terminator)	98107586.4	4/25/98		
	97-018	ES	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-019	ES	Interface module	98107578.1	4/25/98		
	97-022	ES		98114148.4	7/29/98		
	97-023	ES	Method for designing a telecommunications and data network	98948732.7	8/6/98		
	97-025	ES	Casing	98117540.9	9/16/98	0910146	5/25/05
	97-028	ES	Apparatus for connecting cable cores	98119013.5	10/8/98		
	97-030	ES	High Frequency Cable	98964444.8	11/27/98		
	97-031	ES	Electrical power outlet with IDC connections	98121647.6	11/12/98	0921611	6/4/03
	97-032	ES	Patch Panel with retractable patch cord	98123266.3	12/7/98		
	98-001	ES	Optical fibre connector	98960871.6	12/8/98		
	98-002	ES	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-004	ES	Casing	99101294.9	1/25/99	0938163	4/27/05
	98-005	ES	Clamping element for cable shielding	99104341.5	3/4/99	0944132	12/20/00
	98-010	ES	Electrical Connector	99107064.0	4/10/99	0952635	8/24/05
	98-013	ES	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	ES	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-023	ES	Electrical Connector	99112489.2	7/1/99		
	98-024	ES	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-025	ES	Shielding device for connection strips in telecommunications and data engineering	99952571.0	10/14/99		
	99-001	ES	Connection element for cable conductor	99121852.0	11/4/99	1018786	9/19/01
	99-002	ES	Surge arrester mounting unit for telecommunications and data systems equipment	99121037.8	10/21/99		
	99-004	ES	Overvoltage protection element	99125286.7	12/18/99		
	99-006	ES	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07
	99-007	ES	Connector element with closure device	00916921.0	3/10/00		
	99-009	ES	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-010	ES	Traction relief device for a wire	00110099.9	5/13/00		
	99-014	ES	Frontpanel for LWL-modules	00115726.2-2205	7/21/00		
	99-018	ES	Electrical Connector	00124720.4	11/13/00		
	99-019	ES	Distribution cabinet	99121185.5	10/22/99	1047167	9/17/03
	E-TO-00029	ES	Modular Plug with Slider Latch	06825360.8	10/2/06	1932219	4/1/09
	ITRACS001	ES	A System for Monitoring Connection Pattern of Data Ports	00919250	4/5/00	1173811	9/13/06
	ITRACS001	ES	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
	ITRACS001	ES	Data Cable for Monitoring Connection Pattern of Data Ports	06019065.9	4/5/00	1758028	3/17/10
	MP0122	ES	Wraparound Closure Sleeve	525113	8/23/83		
	MP0122	ES	Wraparound Closure Sleeve	282935	8/23/83	282935	10/7/86
	MP0122	ES	Wraparound Closure Sleeve	531453	8/23/83	531453	10/10/86
	MP0220	ES	Pressurized Splice Case	454.064	12/7/76	454.064	9/26/77
	MP0766	ES	Fiber Optic Splicing	519316	4/26/82	519316	12/7/83
	MP0766	ES	Fiber Optic Splicing	519314	4/26/82	519314	12/6/83
	MP0766	ES	Fiber Optic Splicing	511693	4/26/82	511693	2/21/83
	MP0766	ES	Fiber Optic Splicing	519315	4/26/82	519315	12/7/83
	MP0768	ES	Protection Of Cable Splice	281175	8/20/84	281175	2/14/86
	MP0768	ES	Protection Of Cable Splice	535295	8/20/84	535295	7/2/86

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0768	ES	Protection Of Cable Splice	535294	8/20/84	535294	7/2/86
	MP0781COM	ES	Flat Sheet Closure & Method	526178	9/8/82	526178	5/18/84
	MP0781COM	ES	Flat Sheet Closure & Method	515563	9/8/82	515563	10/18/83
	MP0850	ES	Optical Fiber Adhesive Joint Tube - Hourglass Shape	529542	2/8/84	529542	4/15/85
	MP0871A	ES	Protective Article	553408	3/25/86		
	MP0900	ES	Wraparound Article	538498	12/12/84	538498	10/4/85
	MP0978	ES	Protection Of Cable Splice	547043	9/17/85		
	MP1018	ES	Splice Case	550678	1/3/86	550678	10/15/86
	MP1027	ES	Closure Including Gel-Filled End Seals	551710	2/6/86	551710	3/17/87
	MP1064	ES	Optical Fiber Distribution Network	556579	6/24/86	556579	11/25/87
	MP1064	ES	Optical Fiber Distribution Network	8600087	7/2/86	8600087	11/17/87
	MP1092	ES	Optical Fiber Contact And Connector	86309060.1	11/19/86	0223609	2/16/94
	MP1093	ES	Optical Fiber Connector	86309059.3	11/19/86		
	MP1097	ES	Apparatus For Relieving A Load Across A Cable Repair Region	86308773.0	11/11/86	0222616	8/26/92
	MP1111	ES	Insulation Displacement Connector For High Axial Strength	87304130.5	5/8/87		
	MP1112	ES	Universal End Plate-Gel Seal	87301044.1	2/5/87		
	MP1125	ES	Optical Fiber Termination Using An Elastic Convex Dam	87304031.5	5/6/87		
	MP1140COM	ES	Strained Distributed Optical Fiber Communication System	87307394.4	8/21/87	0257999	4/28/93
	MP1147	ES	Bubble Indicator For Measuring Uds Pressure In A Splice	87/02739	9/24/87	8702739	1/18/89
	MP1155	ES	Coaxial Connector Moisture Seal	87309383.5	10/23/87		
	MP1177	ES	Optical Fiber Tap Utilizing Reflector	88301189.2	2/12/88	0278775	9/13/95
	MP1206COM	ES	Terminal Block	88306146.7	7/6/88	0298713	2/9/94
	MP1210	ES	Annealing Bent Optical Fiber	88306933.8	7/27/88		
	MP1276	ES	Environmental Control Liner For Splice Enclosure	P8903370	10/6/89	8903370	8/16/90
	MP1293	ES	E-Z-On Connectors	90909963.2	6/8/90	0476056	9/6/95
	MP1345COM	ES	Binding Post For Wide Tolerance Caps	90915250.6	9/21/90		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1351	ES	Cable Television Connection System	90312384.2	11/13/90		
	MP1374A	ES	Alarm And Test System For A Digital Added Mail Line	97200093.9	8/1/91	0771052	10/14/98
	MP1374A	ES	Alarm And Test System For A Digital Added Mail Line	95201384.5	8/1/91	0682435	1/13/99
	MP1374B	ES	Gel Filled Electrical Connector	93900806.6	12/3/92	0615662	3/4/98
	MP1374C	ES	Gel Filled Modular Electrical Connecting Block	94906610.4	1/12/94	0680666	6/9/99
	MP1374C	ES	Gel Filled Modular Electrical Connecting Block	98203335.9	1/12/94	2193473	4/16/03
	MP1391	ES	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	91918523.1	10/3/91		
	MP1404	ES	Hermaphroditic Gel Closure	92908708.8	3/13/92	0575520	12/18/96
	NC004	ES	Telecommunications Terminal Block	92922043.2	10/5/92	0685119	1/20/99
	NC012	ES	Fiber Optic Splice Closure	94902329.5	11/20/93	2170091	2/13/02
	NC022	ES	Improved Idc Having Wire Slippage Control	97937300.8	8/14/97	0919073	10/31/01
	NC044	ES	Fiber Optic Splice Closure Including Side Pivoting Slack Storage Holder And Associated Methods	99971929.7	11/12/99	1137962	1/14/04
02316.3411ES01	NT-00342	ES	Release Tab for an Electrical Connector and Electrical Connector Comprising Said Release Tab	P201130168	2/8/11		
02316.3412ES01	NT-00347	ES	Single Action Connector	P201130169	2/8/11		
02316.3835EPWO	E-TO-00125	ES	Interface Module	07852603.5	10/9/07	2082456	8/28/13
02316.3882ESEP	E-TO-00009	ES	Electrical Connector with Crosstalk Compensation	05849935.1	12/16/05	1829168	5/14/08
02316.3887EPWO	E-TO-00088	ES	Receptacle with Crosstalk Optimizing Contact Array	07752799.2	3/9/07	1997195	5/6/15
02316.3918ESEP	E-TO-00223	ES	Cassette for Use Within a Connectivity Management System	10709590.3	2/24/10	2401792	4/9/14
02316.4240ES1	MP1277	ES	Telecommunications Pedestal Closure With Environmental Control Liner	P8903369	10/6/89	8903369	8/16/90
100.0070/01		ES	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	01201516.0	1/24/97		
2316.1006/01		ES	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	00902294.8	1/3/00	1142348	10/24/07

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1011/I2		ES	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	00939275.4	2/16/00	1 166 161	11/26/03
2316.1011/I4		ES	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	00964881.7	5/25/00	1185897	12/13/06
2316.1687/I1		ES	COUPLER FOR CABLE TROUGH	03745587.0	3/21/03	1490937	5/5/10
2316.1838/P2		ES	FIBER ACCESS TERMINAL	05728278.2	3/8/05	1730564	11/11/09
2316.1838/P2		ES	FIBER ACCESS TERMINAL	10177266.3	9/17/10	2267503	5/23/12
2316.1904/I1		ES	Cross-connect method and apparatus	96908749.3	3/19/96	0815622	5/14/03
2316.2295/I1		ES	SYSTEMS AND METHODS FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT	08000126.6	1/4/08		
2316.2295/I1		ES	FRAME FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT AND ASSOCIATE METHODS	10180636.2	11/17/04	2264499	3/19/14
2316.2295/I1		ES	FRAME FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT AND ASSOCIATE METHODS	10180735.2	11/17/04	2264501	7/25/12
2316.2298/U1		ES	OPTICAL FIBER DROP TERMINAL	10178297.7	11/2/05	2259115	7/31/13
2316.2584/P2		ES	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	08837186.9	8/5/08	2176696	4/23/14
2316.2584/P4		ES	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	08799151.9	9/4/08	2185962	8/22/12
5487.225.WO	E-TO-00027	ES	Optical Fiber Repair Apparatus with Adjustable Guide Member and Methods for Using the Same	06740128.1	3/30/06	1872164	5/5/10
TYCEO/P32112EP	NC059	ES	Low Profile Optical Fibre Network Interface Enclosure	01204160.4	10/30/01	1203974	2/1/06
16012		ES	DIVERGENT LOAD BAR	95932408.8	9/8/95	789939	6/23/99
40484		ES	TWISTED PAIR CABLE AND CONNECTOR ASSEMBLY	97102403.9	2/14/97	793305	9/11/02
14035		ES	MODULAR PLUG COUPLER	88310105.7	10/27/88	319138	8/11/93
14294		ES	CROSS CONNECT BLOCK TERMINAL	9000295	2/1/90	2020422	6/19/91
14305		ES	CYLINDRICAL INSULATION DISPLACING CONNECTOR	89305747.1	6/7/89	0348066	4/6/94
14764		ES	INSULATION DISPLACING BARREL TERMINAL	92921641.4	10/7/92	560971	2/26/97
15239		ES	TELEPHONE JUNCTION ENCLOSURE AND SYSTEM FOR SEALING A WIRE OPENING ARRAY	93300810.4	2/4/93	2086879	4/24/96
15396		ES	IMPROVED SHIELDED ELECTRICAL CONNECTOR	93306228.3	8/6/93	587303	10/21/98
15912		ES	ELECTRICAL CONNECTOR FOR TELECOMMUNICATIONS	9501757	9/8/95	2117545	4/1/99
16469		ES	OPTICAL FIBER CONNECTOR	P9950014	10/2/99	2154246	9/17/01
40253		ES	GROUNDING CLAMP FOR SHIELDED TELEPHONE CABLE	9502740	10/30/95	1032367	7/25/96

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
40256		ES	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	95118433.2	11/23/95	716477	8/22/01
8410		ES	SOLDERLESS CONNECTOR FOR INSULATED WIRES	205430	8/23/74		
8413		ES	ELECTRICAL TERMINALS FOR FLAT TWO-CONDUCTOR LEAD IN WIRE	206136	9/26/74	206136	5/7/76
WR011		ES	Cable Sheath Cutter	G203723	6/6/74	203723	3/17/76
WR014COM		ES	Cable Joint Assembly	223254	9/10/76	223254	
WR017		ES	Wraparound-Rails With Helical Stitching	230327	8/8/77	230327	1/12/78
WR018		ES	Cable Joinder Assembly-Sleeve Heads Wholly Inside-Out	230586	8/25/77	230586	1/23/78
WR019		ES	Cable Sleve Assembly-Wraparound Sleeve Heads	467426	3/1/78	467426	9/20/78
WR074COM		ES	Branch-Out X-Filling Piece In Sleeve End	550704	1/7/86		
WR076COM		ES	Probe For Making Electrical Contact With A Cable	552263	2/21/86		
WR102		ES	Heat Shrink Radi With Removable Outlets	87301936.8	3/5/87	0236141	11/11/92
WR103		ES		87304348.3	5/15/87		
WR118		ES	Cable Cutting Tool	89105061	3/21/89	0338273	6/3/92
WR119		ES	High Frequency Shielded Connection For Coax Cable	89110438.2	6/9/89		
WR120		ES	Multi-Outlet Box For Cables	89111573.5	6/24/89		
WR129		ES	Device For Sealing Unoccupied Cable Conduits	89104239.2	3/10/89	0386299	8/3/94
WR133		ES	Electrical Plug Connector	90110859.7	6/8/90		
WR136		ES	Cable Splice				
WR137		ES	Connection To Terminal Plate. Similarity To D. Terminator	91907679.4	4/12/91		
WR140		ES	Mechanical Radi Seal	91916615.7	9/12/91	0548203	8/21/96
WR142		ES		91920407.3	11/27/91		
WR145		ES	Fibre Optic Housing With Consumer Tap And Lead To Next Consumer I Same Housing.	92109429.8	6/4/92	2094254	9/25/96
WR156		ES	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	93919538.4	9/14/93	0660971	12/11/96
WR160		ES	Catv Splitter With Variable Attenuation	94903960.6	1/6/94	0678221	6/4/97
WR161		ES	Uteic With Stack Of Trays	94919754.5	7/4/94	0707714	10/15/97
WR163		ES	Uteic With Dust Flap	94919793.3	7/8/94		
WR164		ES	Uteic Cable Gripper With Self-Centring	94902984.7	1/6/94		
WR166		ES	Shaped Silicone Rubber Seal For Uteic Closure	94924915.5	8/23/94		
WR168		ES		94931106.2	10/27/94		
WR172		ES	Catv Tap With Power Tap-Off	95932823.8	9/26/95		
100.0157		FI	HIGH FREQUENCY AMPLIFICATION CIRCUIT	01981470.6	10/10/01	1325556	4/8/09
100.0181		FI	CIRCUIT ARRANGEMENT FOR REDUCING PASSBAND RIPPLE OF A BANDPASS FILTER	99902107.4	1/19/99	1051807	9/10/03

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0266		FI	TUNING A CAVITY FILTER BASED ON STORED POSITIONAL DATA FOR TUNING MEMBERS	02786477.6	10/23/02	1438764	7/9/08
100.0376		FI	METHOD AND APPARATUS FOR FREQUENCY AGILITY IN A COMMUNICATION SYSTEM	96908853.3	3/18/96	0 815 694	10/11/00
100.0451		FI	DISTRIBUTED DIGITAL SIGNAL SUMMATION AND GAIN CONTROL	03796586.0	12/3/03	1570687	10/9/13
100.0452		FI	DISTRIBUTED DIGITAL ANTENNA SYSTEM	03790242.6	12/3/03	1570626	11/6/13
100.0514		FI	CONNECTION ARRANGEMENT	943,329	7/12/94	96,459	3/15/96
100.0515		FI	CONNECTION ARRANGEMENT	944,667	10/5/94	96,461	3/15/96
100.0603		FI	ARRANGEMENT FOR MEASURING CONDITION OF ANTENNA IN MOBILE TELEPHONE SYSTEM	964,646	11/21/96	108892	4/15/02
100.0682		FI	TUBULAR MEMBRANE VENT	06801714.4	8/17/06	1928759	10/10/12
100.0729		FI	Centrally located equipment for wireless telephone system	99934392.4	2/19/99	1080594	7/27/05
100.0755		FI	Multi-Protocol Distributed Wireless System Architecture	01920800.8	3/27/01	1269776	7/1/09
100.0755		FI	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	09162278.7	3/27/01	2094058	1/16/13
100.0755		FI	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	11168006.2	3/27/01	2364056	11/7/12
100.0788		FI	SYSTEMS AND METHODS FOR ANALOG TRANSPORT OF RF VOICE/DATA COMMUNICATIONS	07760390.0	4/10/07	2025179	10/28/09
100.0922		FI	Method and system for distributing multiband wireless communications signals	02394013.3	1/24/02	1227605	1/2/08
100.0937		FI	Distribution of radio-frequency signals through low bandwidth infrastructures	97922450.8	4/18/97	0 894 369	2/18/04
100.0968		FI	Self-contained masthead units for cellular communication networks	98953787.3	10/21/98	1 025 615	7/3/02
100.1157		FI	Photon Detector and Method of Manufacturing	970924964	5/21/97	0901613	1/23/02
2316.0082		FI	MODULAR DISTRIBUTION FRAME WITH PROTECTOR STRUCTURE	862,368	6/3/86		
2316.0172		FI	OPTICAL SWITCH	891846	4/18/89		
2316.0372		FI	MINIATURE COAX JACK MODULE	FR-944539	7/14/92		
2316.0691		FI	SWITCHING COAX JACK DEVICE	98913075.2	3/23/98	0 972 320	6/12/02
2316.0753		FI	DSX MODULE WITH REMOVABLE JACK	98908667.3	2/23/98	0 963 620	9/18/02
2316.0786		FI	FIBER CONNECTOR AND ADAPTER	98922274.0	5/14/98	0 983 525	7/9/03
2316.0786		FI	FIBER CONNECTOR AND ADAPTER	99944053.0	9/1/99	1114346	6/27/07

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1017		FI	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	00908583.8	2/10/00	1151620	8/26/09
2316.1744		FI	HIGH DENSITY PANEL WITH ROTATING TRAY	03752606.8	9/26/03	1557048	3/20/11
2316.1780		FI	FIBER CONTAINMENT SYSTEM	04753765.9	5/28/04	1632116	5/25/11
	03-010	FI	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	09-011	FI	Terminal strip	10712336.6	3/26/10	2441128	3/12/14
	MP0192	FI	Heat-Recoverable Article With Self-Contained Heater	792946	9/23/75	68933	11/11/85
	MP0192	FI	Heat-Recoverable Article With Self-Contained Heater	752666	9/23/75	64482	11/10/83
	NC007	FI	Apparatus And Method For Uniformly Irradiating A Strand	954015	2/25/94		
	00-001	FI	Shielding device for terminal blocks	00126936.4	12/8/00	1117158	2/13/08
	00-002	FI	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-004	FI	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-008	FI	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01		
	00-009	FI	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-012	FI	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-013	FI	Connection module	01117086.7	7/13/01		
	00-015	FI	Electrical Connector	01956564.7-2217	7/26/01	1312137	5/25/05
	00-017	FI	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05
	00-018	FI	Plastic patch panel	01985780.4	9/24/01	1322981	7/14/04
	00-019	FI	Optical Fibre Connection Housing	01982343.4-1524	9/24/01	1329011	8/31/05
	00-020	FI	Distribution cabinet	01919316.8-2214	2/20/01	1264522	8/17/05
	01-004	FI	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	01-005	FI	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	02-003	FI	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	02-004	FI	Device for an optical-fiber connection	03727357.0-1234	4/25/03	1502142	6/28/06
	03-001	FI	Distribution frame with access for testing	04712500.0-2414	2/19/04		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	03-003	FI	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-005	FI	Conductor connection module for printed circuit boards	04740236.7-2214	6/24/04	1649549	11/2/06
	03-006	FI	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-013	FI	Construction kit for distribution cabinets	04006018.8	3/12/04		
	04-004	FI	Connection module for telecommunications and data technology	05776552.1	8/30/05	1787481	5/27/09
	04-012	FI	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	FI	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	FI	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	FI	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	75-118	FI		761713	6/14/76	62604	1/10/83
	82-035	FI	Terminal element for cable wires and drop wire cables	830846	3/14/83	70658	9/24/86
	83-040	FI	A terminal strip	841378	4/6/84	73540	10/9/87
	84-147	FI	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	842479	6/19/84	77129	1/10/89
	85-003	FI		862574	6/17/86		
	85-164	FI		862934	7/14/86	90159	12/27/93
	86-019	FI	Connector bank for cable wires, in particular for telephone cables	871912	4/29/87	90293	1/10/94
	86-064	FI	A casing, particulary a junction-box casing for telecommunications engineering	873133	7/15/87	88978	7/26/93
	86-066	FI	Cutting/clamping terminal element for electrical conductors	874880	11/4/87	92634	12/12/94
	86-069	FI	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	875314	12/2/87	93157	
	87-008	FI	Connector block with normally open or switching contacts	882147	5/6/88	95753	3/11/96
	87-077	FI	Device for holding connector banks in telecommunication systems	883847	8/19/88	97097	10/10/96
	88-086	FI	Tool for connecting cable wires	890538	2/3/89	94193	7/25/95
	88-088	FI	Protective plug for connector or disconnector banks	890224	1/16/89	94577	9/25/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-004	FI			3/12/91		
	90-011	FI	Terminal block for telecommunications systems	911702	4/9/91	100838	2/27/98
	90-012	FI	Cutting Clamping Contact	912631	5/31/91	102989	3/31/99
	90-015	FI	Protective circuit and protective device plug for telecommunication installations	913829	8/13/91	102496	12/15/98
	91-014	FI	Cutting and clamping sleeve contact	923302	7/20/92		
	92-013	FI	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	932796	6/17/93	107571	8/31/01
	92-014	FI	Split flap display device	932935	6/24/93		
	93-032	FI	Electrical Plug Connector	944330	9/19/94		
	94-031	FI	Protection plug	954643	9/29/95		
	94-035	FI	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	953555	7/25/95		
	95-006	FI	Electrical Connectors	961661	4/16/96		
	95-009	FI	Switching field	96112250.4-2302	7/30/96	0758792	10/17/01
	95-010	FI	Electrical Connector	96112491.4	8/2/96	0759648	3/26/03
	95-012	FI	Distribution device for telecommunications and data technique	96113135.6	8/16/96		
	95-013	FI	Termination device for the telecommunication and data technique	96114423.5-2209	9/10/96		
	95-016	FI	Terminal block for high transmission rates	96111904.7-2308	7/24/96	0766352	11/29/00
	95-017	FI	Connecting device for telecommunication and data technique	96110940.2-2308	7/6/96		
	95-019	FI	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96113454.1-2209	8/22/96		
	95-020	FI	Automatic re-arrangement and distribution device for telecommunication and data lines	96115100.8	9/29/96		
	95-022	FI	Main distribution frame MDF	96920705.9	6/26/96		
	96-001	FI	Electronic access control and security system	97101244.8	1/28/97		
	96-002	FI	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97101240.6	1/28/97	0797379	9/18/02
	96-005	FI	Management-capable splice cassette	97101253.9	1/28/97		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-006	FI	Earthing module	97104914.3-2308	3/22/97		
	96-007	FI	Termination tool	97104913.5-2308	3/22/97		
	96-011	FI	High density high performance connector	97108131.0	5/20/97		
	96-013	FI	Connecting terminal	97111592.8	7/9/97	0837525	11/8/00
	96-018	FI	Clamping device	97118901.4	10/30/97	0844694	3/1/00
	96-019	FI	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-020	FI	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	96-021	FI	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	97118903.0	10/30/97	0849850	7/11/01
	97-002	FI	Outdoor housing	98102656.0	2/17/98	0863593	8/29/01
	97-003	FI	Protection Plug	98102655.2	2/17/98	0862197	6/9/99
	97-008	FI	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-011	FI	Cable fastening	98102653.7	2/17/98		
	97-012	FI	Distribution block for telecommunication and data technology	98103424.2	2/27/98		
	97-013	FI	Stationary housing with wall elements made of plastic	98103423.4	2/27/98		
	97-016	FI	Overvoltage protection module	98107492.5	4/24/98		
	97-017	FI	Safety Plug (Terminator)	98107586.4	4/25/98		
	97-018	FI	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-019	FI	Interface module	98107578.1	4/25/98		
	97-022	FI		98114148.4	7/29/98		
	97-023	FI	Method for designing a telecommunications and data network	98948732.7	8/6/98		
	97-025	FI	Casing	98117540.9	9/16/98	0910146	5/25/05
	97-028	FI	Apparatus for connecting cable cores	98119013.5	10/8/98		
	97-030	FI	High Frequency Cable	98964444.8	11/27/98		
	97-031	FI	Electrical power outlet with IDC connections	98121647.6	11/12/98	0921611	6/4/03
	97-032	FI	Patch Panel with retractable patch cord	98123266.3	12/7/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-001	FI	Optical fibre connector	98960871.6	12/8/98		
	98-002	FI	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-004	FI	Casing	99101294.9	1/25/99	0938163	4/27/05
	98-005	FI	Clamping element for cable shielding	99104341.5	3/4/99	0944132	12/20/00
	98-010	FI	Electrical Connector	99107064.0	4/10/99	0952635	8/24/05
	98-013	FI	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	FI	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-023	FI	Electrical Connector	99112489.2	7/1/99		
	98-024	FI	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	98-025	FI	Shielding device for connection strips in telecommunications and data engineering	99952571.0	10/14/99	1133814	6/19/02
	99-001	FI	Connection element for cable conductor	99121852.0	11/4/99	1018786	9/19/01
	99-002	FI	Surge arrester mounting unit for telecommunications and data systems equipment	99121037.8	10/21/99		
	99-004	FI	Overvoltage protection element	99125286.7	12/18/99		
	99-006	FI	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07
	99-007	FI	Connector element with closure device	00916921.0	3/10/00		
	99-009	FI	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-010	FI	Traction relief device for a wire	00110099.9	5/13/00		
	99-014	FI	Frontpanel for LWL-modules	00115726.2-2205	7/21/00		
	99-017	FI	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	99-018	FI	Electrical Connector	00124720.4	11/13/00		
	99-019	FI	Distribution cabinet	99121185.5	10/22/99	1047167	9/17/03
	ITRACS001	FI	A System for Monitoring Connection Pattern of Data Ports	00919250	4/5/00	1173811	9/13/06
	ITRACS001	FI	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
	MP0766	FI	Fiber Optic Splicing	82/1451	4/27/82		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1018	FI	Splice Case	863552	12/31/85	82572	3/11/91
	MP1064	FI	Optical Fiber Distribution Network	872658	8/6/86		
	MP1258	FI	Splice Case	905313	4/26/89	94472	9/11/95
	MP1319	FI	Optical Fiber Connector Which Provides A High Signal Return Loss				
	MP1345COM	FI	Binding Post For Wide Tolerance Caps				
	MP1374C	FI	Gel Filled Modular Electrical Connecting Block	953528	1/12/94		
	MP1511	FI	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	964764	5/30/95		
	NC022	FI	Improved Idc Having Wire Slippage Control	97937300.8	8/14/97	0919073	10/31/01
02316.3998FIWO	MP1492	FI	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	964054	4/6/95		
TYCEO/P32112EP	NC059	FI	Low Profile Optical Fibre Network Interface Enclosure	01204160.4	10/30/01	1203974	2/1/06
15396		FI	IMPROVED SHIELDED ELECTRICAL CONNECTOR	933845	9/2/93	109561	8/30/02
40057		FI	SHIELDED DATA CONNECTOR	930795	2/23/93		
40108		FI	DATA COMMUNICATION OUTLET KIT	944576	9/30/94		
WR140		FI	Mechanical Radi Seal	931123	9/12/91	109845	10/15/02
WR147		FI	Modified Ezam Cable Duct Seal For Vault Closure				
WR148		FI	Hand Operated Multiple Wire Connector With Guide Slots				
WR155		FI	Silicone Rubber Seal For Box	950573	8/11/93		
WR165		FI	Catv Box For In-Line/Butt Connection	960873	8/23/94		
WR166		FI	Shaped Silicone Rubber Seal For Uteic Closure	960872	8/23/94		
WR168		FI					
WR171		FI	Catv Tap With Switch	971369	9/26/95		
40.1620		FR	PATCH MODULE	XX	6/25/82	0068472	6/25/82
100.0019		FR	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	01950794.6	7/3/01	1303929	10/12/11
100.0057		FR	CONTROL AND COMMUNICATIONS APPARATUS	94930586.6	10/4/94	0 722 638	12/18/02
100.0058		FR	HYBRID FIBER/COAX VIDEO AND TELEPHONY COMMUNICATION SYSTEM	95933845.0	9/19/95		
100.0381		FR	METHOD AND APPARATUS FOR DETECTING THE COLLISION OF DATA PACKETS	85901239.5	2/14/85	172,236	2/14/85
100.0451		FR	DISTRIBUTED DIGITAL SIGNAL SUMMATION AND GAIN CONTROL	03796586.0	12/3/03	1570687	10/9/13
100.0452		FR	DISTRIBUTED DIGITAL ANTENNA SYSTEM	03790242.6	12/3/03	1570626	11/6/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0515		FR	CONNECTION ARRANGEMENT	95306986.1	10/3/95		
100.0603		FR	ARRANGEMENT FOR MEASURING CONDITION OF ANTENNA IN MOBILE TELEPHONE SYSTEM	97660123	11/20/97		
100.0629		FR	RETROREFLECTIVE SHEETING MATERIAL, A METHOD OF ITS PRODUCTION AND ITS USE	94 928 772.6	10/4/94	0 724 740	3/24/99
100.0682		FR	TUBULAR MEMBRANE VENT	06801714.4	8/17/06	1928759	10/10/12
100.0707		FR	PROVIDING WIRELESS COVERAGE INTO SUBSTANTIALLY CLOSED ENVIRONMENTS	06772594.5	6/8/06	1889420	2/27/13
100.0729		FR	Centrally located equipment for wireless telephone system	99934392.4	2/19/99	1080594	7/27/05
100.0755		FR	Multi-Protocol Distributed Wireless System Architecture	01920800.8	3/27/01	1269776	7/1/09
100.0755		FR	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	09162278.7	3/27/01	2094058	1/16/13
100.0755		FR	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	11168006.2	3/27/01	2364056	11/7/12
100.0759		FR	BLOSSOM/WILT OR DYNAMIC REALLOCATION IN A DISTRIBUTED FIBER SYSTEM	00303365.1	4/20/00	1047276	6/22/05
100.0788		FR	SYSTEMS AND METHODS FOR ANALOG TRANSPORT OF RF VOICE/DATA COMMUNICATIONS	07760390.0	4/10/07	2025179	10/28/09
100.0922		FR	Method and system for distributing multiband wireless communications signals	02394013.3	1/24/02	1227605	1/2/08
100.0937		FR	Distribution of radio-frequency signals through low bandwidth infrastructures	97922450.8	4/18/97	0 894 369	2/18/04
100.0963		FR	Cellular base station	972975	5/22/97		
100.0964		FR	Cellular base station	972974	5/22/97		
100.0968		FR	Self-contained masthead units for cellular communication networks	98953787.3	10/21/98	1 025 615	7/3/02
100.0972		FR	Cellular base station with intelligent call routing	96913256.2	4/29/96	0 824 836	7/11/01
100.1060		FR	METHOD AND DEVICE FOR TUNING THE WAVELENGTH OF AN OPTOELECTRONIC COMPONENT ARRANGEMENT	980965648	10/21/98	1036428	9/26/01
100.1141		FR	DISTRIBUTED DIGITAL REFERENCE CLOCK	11813094.7	7/27/11	2599240	12/17/14
100.1147		FR	Method for Synchronizing the Wavelengths of an Arrangement of Optoelectronic Components	980963448.0	11/12/98	0956625	4/21/04
100.1152		FR	Generator for Producing a High Frequency, Low Noise Signal	970925866	5/23/97	0901713	4/19/00
100.1154		FR	OPTOELECTRIC MULTI-WAVELENGTH CONSTRUCTION ELEMENT	19950110326	7/3/95	0704946	10/1/03

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1157		FR	Photon Detector and Method of Manufacturing	970924964	5/21/97	0901613	1/23/02
2316.0015		FR	ELECTRICAL CONNECTOR MODULE	82110474.2	11/12/82	0 079 599	11/12/82
2316.0019		FR	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSING	85850253.7	8/1/85	0 197 234	2/27/91
2316.0038		FR	ELECTRICAL JACK FRAME	81101655.9	3/6/81	0 035 776	7/24/85
2316.0041		FR	ELECTRICAL CONNECTOR APPARATUS	85850356.8	11/5/85	0 181 306	2/17/93
2316.0056		FR	ELECTRICAL CONNECTOR APPARATUS	85850355.0	11/5/85	0 181 305	2/27/91
2316.0095		FR	JACK DEVICE	86309708.5	12/12/86	0 230 746	2/22/95
2316.0113		FR	TERMINAL ASSEMBLY	87101289.4	1/30/87	0 233 527	11/13/91
2316.0123		FR	OPTICAL FIBER DISTRIBUTION APPARATUS	86307114.8	9/16/86		
2316.0156		FR	MONOLITHIC FIBER OPTIC COUPLER HAVING TOTAL INTERNAL REFLECTING SURFACE	8307503	5/5/83	8307503	4/7/88
2316.0163		FR	BI-DIRECTIONAL OPTICAL FIBER COUPLER		5/5/83	8307502	5/5/83
2316.0172		FR	OPTICAL SWITCH	8905742	4/28/89	2,631,134	1/28/94
2316.0300		FR	PLUG-IN JACK CARD FOR NORMALLY CLOSED CONTACTS	91402605.9	9/30/91	0 486 331	7/24/96
2316.0372		FR	MINIATURE COAX JACK MODULE	92915879.8	7/14/92	0 634 061	6/4/97
2316.0372		FR	MINIATURE COAX JACK MODULE	96202654.8	7/14/92	0 755 095	11/2/00
2316.0454		FR	REAR CROSS-CONNECT DSX SYSTEM	94912250.1	3/17/94	0 706 723	5/13/98
2316.0488		FR	HIGH-DENSITY FIBER DISTRIBUTION FRAME	95903533.8	11/16/94	0 740 803	1/27/99
2316.0488		FR	HIGH-DENSITY FIBER DISTRIBUTION FRAME	98112420.9	11/16/94	0 871 047	4/16/03
2316.0691		FR	SWITCHING COAX JACK DEVICE	98913075.2	3/23/98	0 972 320	6/12/02
2316.0753		FR	DSX MODULE WITH REMOVABLE JACK	98908667.3	2/23/98	0 963 620	9/18/02
2316.0777		FR	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	01104552.3	3/5/01	1 120 866	10/15/03
2316.0777		FR	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	98911988.8	3/23/98	0 972 319	5/22/02
2316.0786		FR	FIBER CONNECTOR AND ADAPTER	03004353.3	5/14/98	1331496	1/4/06
2316.0786		FR	FIBER CONNECTOR AND ADAPTER	98922274.0	5/14/98	0 983 525	7/9/03
2316.0786		FR	FIBER CONNECTOR AND ADAPTER	99944053.0	9/1/99	1114346	6/27/07

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0891		FR	REPAIRABLE CONNECTOR AND METHOD	02011684.4	1/5/99	1 246 316	3/31/04
2316.0891		FR	REPAIRABLE CONNECTOR AND METHOD	99901287.5	1/5/99	1 051 777	5/2/03
2316.0942		FR	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	99923237.4	5/20/99	1 084 523	8/6/03
2316.0960		FR	FIBER OPTIC MODULE	99944994.5	7/14/99	1112521	3/30/05
2316.0974		FR	FIBER OPTIC CABINET AND TRAY	99943934.2	8/25/99	1116062	7/16/08
2316.0988		FR	JACK ASSEMBLY	99960228.7	11/5/99	1145385	3/8/06
2316.1009		FR	DSX MODULE WITH REMOVABLE JACK	00920005.6	3/31/00	1 169 753	5/14/03
2316.1010		FR	MICROELECTROMECHANICAL OPTICAL SWITCH AND METHOD OF MANUFACTURE THEREOF	00962031.1	8/1/00	1208403	11/17/04
2316.1017		FR	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	00908583.8	2/10/00	1151620	8/26/09
2316.1171		FR	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	01918654.3	3/14/01	1 273 081	1/17/07
2316.1175		FR	SPLITTER ARCHITECTURE FOR A TELECOMMUNICATIONS SYSTEM	01924848.3	4/9/01	1273181	3/29/06
2316.1250		FR	CABLE EXIT TROUGH WITH INSERT	01977447.0	10/4/01	1356321	4/4/07
2316.1289		FR	LOW PROFILE CABLE EXIT TROUGH	01987552.5	10/29/01	1372991	4/26/06
2316.1481		FR	DSX JACK INCLUDING SLIDING REAR CONNECTOR	07000813.1	1/16/07	1793454	12/29/10
2316.1481		FR	DSX JACK INCLUDING SLIDING REAR CONNECTOR	02762071.5-1528	4/11/02	1391010	1/24/07
2316.1599		FR	FIBER TERMINATION BLOCK WITH ANGLED SLIDE	02782279.0	11/7/02	1446691	6/24/09
2316.1605		FR	FRONT ACCESS DSX ASSEMBLY	02780315.4	9/16/02	1437007	2/17/10
2316.1637		FR	TRIAXIAL CONNECTOR ADAPTER AND METHOD	03731947.2	1/16/03	1472762	3/18/09
2316.1692		FR	REAR ACCESS DSX SYSTEM	03809547.7	10/8/03	1557051	4/9/08
2316.1744		FR	HIGH DENSITY PANEL WITH ROTATING TRAY	03752606.8	9/26/03	1557048	3/20/11
2316.1747		FR	POWER DISTRIBUTION PANEL WITH MODULAR INSERTS	03790469.5	12/12/03	1579748	7/29/09
2316.1780		FR	FIBER CONTAINMENT SYSTEM	04753765.9	5/28/04	1632116	5/25/11
2316.1785		FR	TELECOMMUNICATIONS CONNECTION CABINET	04755793.9	6/18/04	1639840	1/25/12
2316.1787		FR	FIBER OPTIC CONNECTOR HOLDER AND METHOD	09011819.1	9/16/09	2138878	3/25/15
2316.1799		FR	COVER FOR CABLE TROUGH	04795274.2	10/13/04	1680845	12/3/14
2316.1823		FR	SERVICE BLOCKER DEVICE AND METHOD	05853771.3	12/12/05	1825310	2/27/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1863		FR	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	05771738.1	6/13/05	1766452	8/4/10
2316.1863		FR	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	10183098.2	9/30/10	2261713	3/20/13
2316.1891		FR	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	05713874.5	2/18/05	1728300	4/15/15
2316.1912		FR	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	08008856.0	5/14/08	1962519	9/29/10
2316.1912		FR	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	05 826 135.5	11/2/05	1808028	5/14/08
2316.2109		FR	FIBER OPTIC CONNECTOR HOLDER	06788020.3	7/20/06	1913430	1/28/09
2316.2138		FR	OPTICAL FIBER PATCH PANEL	89306553.2	6/27/89	0 349 290	8/11/93
2316.2143		FR	STACKABLE SPLICE CHIP DEVICE	06802138.5	8/22/06	1929348	10/12/11
2316.2306		FR	HIGH DENSITY COAXIAL JACK	07755657.9	4/19/07	2011191	9/28/11
2316.2329		FR	Connecting Hardware with Multi-Stage Inductive and Capacitive Crosstalk Compensation	07852669.6	10/11/07	2082458	6/3/15
2316.2378		FR	Telecommunications Jack with Crosstalk Compensation and Arrangements for Reducing Return Loss	07775101.4	4/10/07	2008346	2/13/13
2316.2379		FR	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	07755200.8	4/10/07	2008345	6/23/10
2316.2379		FR	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	10163786.6	5/25/10	2216855	12/7/11
2316.2473		FR	FIBER OPTIC CONNECTOR MECHANICAL INTERFACE CONVERTER	08713473.0	1/3/08	2106562	3/11/15
2316.2666		FR	Improved Far End Crosstalk Compensation	09709848.7	2/12/09	2243200	9/5/12
2316.2700		FR	WAVELENGTH DIVISION MULTIPLEXING MODULE	09706377.0	1/29/09	2243237	9/18/13
2316.3053		FR	OPTICAL FIBER INTERCONNECT CABINETS, TERMINATION MODULES AND FIBER CONNECTIVITY MANAGEMENT FOR THE SAME	04757733.3	3/16/04	1604239	10/26/11
	ITRACS001	FR	A System for Monitoring Connection Pattern of Data Ports	00919250.1	4/5/00	1173811	9/13/06
	99-017	FR	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	00-004	FR	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-018	FR	Plastic patch panel	01985780.4	9/24/01	1322981	7/14/04
	17904	FR	OPTICAL RIBER CONNECTOR THAT ALLOWS FOR CONTROL OF FERRULE RADIAL ORIENTATION	03254946.1	8/8/03	1394585	11/17/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	17968	FR	NETWORK CONNECTION SENSING MODULE	03768701.9	11/5/03	1559277	1/6/10
	18019	FR	ELECTRICAL COUPLER WITH SPLITTING RECEPTACLE JACK INTERFACES	04251258.2	3/4/04	1458062	8/4/10
	03-010	FR	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	ITRAC S001	FR	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
	ITRAC S001	FR	Data Cable for Monitoring Connection Pattern of Data Ports	06019065.9	4/5/00	1758028	3/17/10
	E-TO-00008	FR	Electrical Connector with Shielded Differential Contact Pairs	06752183.1	5/1/06	1878094	3/14/12
	05-011	FR	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	05-013	FR	Mounting apparatus for line and plug-in connecting elements	06762987.3	8/4/06	1915876	10/3/12
	06-009	FR	Connector Block	07765227.9	7/18/07	2044781	4/23/14
	E-TO-00125	FR	Interface Module	07852603.5	10/9/07	2082456	8/28/13
	07-004	FR	Terminal block	07856677.5	12/13/07	2127029	4/23/14
	TO-00270	FR	Cable Clamping Devices and Methods for Using the Same	09796515.6	12/7/09	2376962	2/13/13
	00-015	FR	Electrical Connector	01956564.7-2217	7/26/01	1312137	5/25/05
	00-019	FR	Optical Fibre Connection Housing	01982343.4-1524	9/24/01	1329011	8/31/05
	01-004	FR	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	01-005	FR	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	02-005	FR	Distribution box connection module for telecommunications and data technology	03792214.3-2214	7/18/03	1527503	5/14/14
	06-002	FR	Plug-in connector for telecommunications and data technology	07703260.5-1528	2/5/07	1997194	12/16/09
	06-006	FR	Plug-in connector for telecommunications and data technology	07765225.3-1528	7/18/07	2047571	4/20/11
	07-002	FR	Electrical plug-in connector	07856679.1-2214	12/13/07	2127044	8/13/14
	07-010	FR	Sleeve for optical waveguide cables	08715782.2-1524	2/15/08	2132589	8/3/11
	MP1492	FR	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	95916228.0	4/6/95	0755618	6/21/00
	MP0172	FR	Cohesive Sealant Articles	7436299	10/30/74	7436299	3/5/79
	MP0192	FR	Heat-Recoverable Article With Self-Contained Heater	7529586	9/26/75	7529586	3/12/79

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0212	FR	Self Heating Article With Deformable Electrodes	7821832	7/24/78	7821832 0	6/18/84
	MP0212	FR	Self Heating Article With Deformable Electrodes	7623705	8/3/76	7623705	4/21/80
	MP0219	FR	Expandable Heater With Apertured Electrodes	7636960	12/8/76	7636960	2/22/82
	MP0736	FR	Heat-Recoverable Closure Assembly	81302412.2	6/1/81	0041388	4/17/85
	MP0761	FR	Wraparound Protective Closure And Method Of Use	83300472.4	1/28/83		
	MP0790COM	FR	Thermoweave	84300059.7	1/5/84	0430377	10/9/96
	MP0790COM	FR	Thermoweave	84300059.7	1/5/84	0116393	7/19/89
	MP0790COM	FR	Thermoweave	84300059.7	1/5/84	0270132	3/25/92
	MP0790COM	FR	Thermoweave	84300059.7	1/5/84	0243985	7/4/90
	MP0810	FR	Flame Coloring Device	83300904.6	2/22/83	0087313	5/28/86
	MP0859	FR	Electrical Devices Comprising PTC Elements	84307984.9	11/16/84	0144187	3/11/92
	MP0867	FR	Laminar Electrical Heaters	84303152.7	5/10/84	0128664	8/24/88
	MP0872	FR	Heat Shrinkable Article	84306290.2	9/14/84		
	MP1086	FR	Devices Comprising PTC Conductive Polymers	86307651.9	10/3/86	0220003	3/14/90
	MP1224	FR	Laminar Sheet Heater	89900770.2	12/8/88	0397685	3/13/96
	NC007	FR	Apparatus And Method For Uniformly Irradiating A Strand	94909735.6	2/25/94	0686080	10/7/98
	SG002	FR	Heat Shrinkable Wrap Around Closure	7905878	3/7/79	2422101	11/29/82
	MP0735	FR	Wraparound Heat-Recoverable Sleeves	81302413.0	6/1/81	0041389	4/17/85
	00-001	FR	Shielding device for terminal blocks	00126936.4	12/8/00	1117158	2/13/08
	00-002	FR	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-007	FR	Electrical connector with spaced contact portions	01940348.4-1231	4/25/01		
	00-008	FR	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01	1290760	11/12/03
	00-009	FR	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-012	FR	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-013	FR	Connection module	01117086.7	7/13/01		
	00-017	FR	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	02-003	FR	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	02-004	FR	Device for an optical-fiber connection	03727357.0-1234	4/25/03	1502142	6/28/06
	03-001	FR	Distribution frame with access for testing	04712500.0-2414	2/19/04	1602225	10/17/07
	03-003	FR	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-004	FR	Glass-fiber coupler module	04723539.5	3/26/04	1613993	12/5/07
	03-005	FR	Conductor connection module for printed circuit boards	04740236.7-2214	6/24/04	1649549	11/2/06
	03-006	FR	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-013	FR	Construction kit for distribution cabinets	04006018.8	3/12/04	1458073	1/3/07
	04-004	FR	Connection module for telecommunications and data technology	05776552.1	8/30/05	1787481	5/27/09
	04-012	FR	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	FR	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-010	FR	Protective plug for distribution frame devices for telecommunications and data technology	06754344.7	6/13/06	1894281	9/14/11
	06-004	FR	Press-fit-connector	07724602.3	4/26/07	2018682	7/28/10
	06-010	FR	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	77-002	FR		7806644	3/8/78	2383533	10/29/82
	77-122	FR	LSA-Plus Module	7816560	6/2/78	2394188	7/2/82
	78-123	FR	Connection module	7902284	1/30/79	2416565	9/24/82
	78-124	FR		7906571	3/15/79	7906571	3/25/83
	78-125	FR		7907870	3/29/79	2421480	8/27/82
	78-126	FR		7909611	4/17/79	2423900	9/23/83
	80-012	FR	A tool for electrically connecting insulated wires	81102206.0	3/24/81	0040307	8/14/85
	80-128	FR	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	81101410.9	2/26/81	0038412	4/24/85
	80-129	FR	A twin contact terminal element	81102012.2	3/18/81	0041596	7/16/86
	80-130	FR	Universal connector for a solderless, screwless and stripless system for testing, connecting and isolating conductor tracks	81103884.3	5/20/81	0044387	2/6/85

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	80-131	FR	A connector device for testing a cable wire relative to all other cable wires within a contact element	81103883.5	5/20/81	0044913	2/1/84
	81-135	FR	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	82108047.0	9/1/82	0075150	1/7/87
	82-030	FR	Modular plug connector	82111212.5	12/3/82	0084632	3/26/86
	82-139	FR	Clamping element for connecting electric conductors without welding, screwing and baring	83107560.1	8/1/83	0123718	11/25/87
	83-040	FR	A terminal strip	84102700.6	3/13/84	0124721	9/10/86
	83-140	FR	A cable distribution head	83112627.1	12/15/83	0125343	9/27/89
	83-142	FR	A heat protection device for over-voltage arrester magazines	84106412.4	6/5/84	0130403	5/18/88
	83-143	FR		8316829	10/21/83	2552962	12/1/89
	83-145	FR	Optical main distributor		12/9/83		
	84-016	FR	Multipolar plug	85730151.9	11/8/85	0189730	12/27/89
	84-147	FR	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	84107396.8	6/27/84	0165335	9/16/87
	85-003	FR		86730087.3	5/22/86	0210945	
	86-064	FR	A casing, particulary a junction-box casing for telecommunications engineering	87730050.9	5/8/87	0253756	11/18/93
	86-066	FR	Cutting/clamping terminal element for electrical conductors	87730118.4	9/30/87	0270479	8/12/92
	86-068	FR		87730118.4	9/30/87	0270479	5/6/92
	86-069	FR	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	87730134	10/27/87	0270480	4/13/94
	86-069	FR	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	93112523.1	8/5/93		
	86-156	FR		87730030.1	3/21/87	0243296	12/27/90
	87-003	FR		88730042.4	2/24/88		
	87-075	FR	Connector bank for telecommunication devices	88730118.2	5/17/88	0302814	2/16/94
	87-077	FR	Device for holding connector banks in telecommunication systems	88730116.6	5/13/88	0304393	1/12/94

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	87-166	FR	Terminal unit for cable pairs in Telecommunication systems	88730114.1	5/11/88	0296095	3/24/93
	88-006	FR		88730074.7	3/24/88	0288418	7/22/92
	88-086	FR	Tool for connecting cable wires	88730250.3	11/12/88	0329917	11/19/92
	88-087	FR		88117463.5	10/20/88	0328738	
	88-088	FR	Protective plug for connector or disconnector banks	89100535.7	1/13/89	0338187	12/29/93
	88-091	FR	Receiving pre-amplifier for an optical telecommunication line	89730043.0	2/22/89	0344091	11/3/93
	88-092	FR		88113259.1	8/13/88	0312729	
	88-095	FR	Contact member of electrical conductors	89730120.6	5/11/89	0360727	10/12/94
	88-097	FR	Connection device for switchung or disconnection line paths in telephone exchanges	89115536.8	8/23/89	0365780	4/26/95
	88-098	FR	Plug connector for telecommunication and data systems	89730204.8	8/23/89	0373096	9/8/93
	88-100	FR	Electro-optical planar display, in particular an LCD display panel	89730208.9	10/14/89	0374085	9/15/93
	88-159	FR	Connecting element for optical waveguides	88112078.6	7/27/88	0309677	12/15/93
	89-005	FR	Protection plug for connector banks of telecommunication and data systems	90101057.9	1/19/90	0388585	12/21/94
	89-006	FR	Connector banks with voltage surge protection	90250072.7	3/16/90	0399628	6/7/95
	89-008	FR		90111280.5	6/15/90		
	89-010	FR	Wire connector for cable wires, in particular of telecommunication cables	90115668.7	8/16/90	0428832	1/12/94
	89-014	FR		90118446.5	9/26/90	0421253	3/16/94
	89-101	FR	Plug connector	90250004.0	1/4/90		
	89-102	FR	Shield connecting element for a connector bank	90250003.2	1/4/90	03823322	10/6/93
	89-192	FR	Electrical Connector	90122815.5	11/29/90	0445376	4/19/95
	90-002	FR	Voltage limiter	90122922.9	11/30/90	0440905	8/30/95
	90-006	FR	Connecting block for the telecommunication and data technology	91100348.1	1/12/91	0446572	1/11/95
	90-008	FR		91102642.5	2/22/91	0447834	
	90-009	FR	Device for displaying announcements, in particular prices in numerical form	91103873.5	3/14/91	0451528	9/8/93
	90-011	FR	Terminal block for telecommunications systems	91103990.7	3/15/91	0456987	5/6/93
	90-012	FR	Cutting Clamping Contact	91106635.5	4/25/91	0459144	5/24/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-015	FR	Protective circuit and protective device plug for telecommunication installations	91110018.8	6/19/91	0471167	5/25/94
	90-021	FR		91115168.6	9/7/91	0484654	12/5/91
	91-001	FR		91119994.1	11/23/91		
	91-010	FR		92108267.3	5/15/92		
	91-011	FR	Insulation displacement contact terminal	92111624.0	7/9/92	0525457	3/6/96
	91-013	FR	Terminal bank for the telecommunication and data technology	92111854.3	9/9/92	0529267	6/16/99
	91-014	FR	Cutting and clamping sleeve contact	9211972.3	7/14/92	0531664	1/31/96
	91-022	FR	Switching assembly for glass fibre cables of the telecommunication and data technology	92113177.7	8/3/92	0536496	2/11/98
	91-029	FR		92109367.0	6/3/92	0528125	9/7/94
	92-003	FR	Distribution Rack	93 01361	2/8/93	9301361	6/9/95
	92-004	FR	Case, in particular cable branching case	92120714.8	12/4/92		
	92-006	FR	Cutting and clamping Terminal Element	93101539.0	2/2/93	0558937	1/3/96
	92-009	FR			2/24/93		
	92-014	FR	Split flap display device	93110150.5	6/25/93	0583577	1/3/96
	92-015	FR	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	93112697.3	8/7/93		
	92-019	FR	Method for elctronically labelling articel	93250311.3	11/10/93		
	92-021	FR		93115054.4	9/18/93	0601290	6/4/97
	92-022	FR	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	93114996.7	9/17/93	0601289	11/27/96
	92-024	FR	Signal-connector with capacitive adjustment for improved crosstalk parameters	93113952.1	9/1/93	0598192	1/8/97
	92-025	FR	Method and arrangement for optically representing information	93114019.8	9/2/93		
	92-026	FR	Method and arrangement for establishing networks of electro-optical display-field modules	93116523.7	10/13/93		
	93-002	FR	Device for mounting teminls strips in communications technology	9400126	1/7/94	FR9400126	1/30/98
	93-006	FR		931119488.0	12/3/93		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	93-008	FR	Termination device for the communication and data technique	93119249.6	11/30/93		
	93-009	FR	Distribution device, in particular for the main distribution device of telephone and data lines	93119583.8	12/4/93	0618741	3/18/98
	93-011	FR		93 03381	3/24/93		
	93-014	FR		9404789	4/21/94	9404789	2/13/98
	93-015	FR	Cable branching device	94103854.9	3/14/94	0623832	5/27/98
	93-017	FR	Method for monitoring the filing levels of material of value collection containers	94105657.4	4/13/94		
	93-020	FR	Termination module	94105314.2-2214	4/6/94	0632527	1/20/99
	93-023	FR	Connection block for high speed transmission in the telecommunication and data system	94108404.8	6/1/94	0637097	9/2/98
	93-028	FR	Clamping Terminal unit	94112249.1	8/5/94	0643454	1/14/98
	93-030	FR	Terminal block	94113179.3	8/24/94	0645841	11/11/98
	93-032	FR	Electrical Plug Connector	94114414.9	9/14/94		
	93-033	FR		94114068.3	9/8/94		
	93-034	FR	Termination unit for telecommunication and data lines	94116632.4	10/21/94		
	93-036	FR	Coupling device between a glass fibre and a dielectric waveguide	94117310.6	11/3/94		
	94-003	FR	Digital electronic Loop Crossconnect & Carrier System	94117980.6	11/25/94		
	94-005	FR	Separation spark gap for limiting the maximum voltage on a surge arrester	94118945.8	12/1/94	0665619	3/5/97
	94-006	FR	Winding cartridge	94108836.1	6/9/94	0645655	10/4/01
	94-007	FR	Insulation displacement contact element	94117060.7	10/28/94	0665614	4/19/00
	94-009	FR		94119809.5	12/15/94	0667650	9/9/98
	94-012	FR	Obliquely disposed insulation displacement contact	95100738.4-2214	1/20/95	0675564	9/30/98
	94-015	FR	Housing for optical components	95102617.8	2/24/95	0679917	1/19/00
	94-018	FR	Automatic distribution device for telecommunication and data lines	95106047.4	4/22/95		
	94-019	FR	Distribution apparatus, particularly for the main distributor of telecommunications or data lines	95107287.5	5/13/95	0689365	1/24/01
	94-021	FR	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95105067.3	4/5/95	0690539	7/7/99

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-022	FR	Electrical Plug Connector	95106785.9	5/5/95	0693801	8/26/98
	94-023	FR		9411433	9/26/94		
	94-025	FR	Printed Circuit Board for Connectors	95108378.1	6/1/95	0697804	2/9/00
	94-026	FR	Flip-over Display Module	95109294.9	6/16/95		
	94-027	FR	Manufacturing process for structured metal plating on surfaces	94113917.2	9/6/94	0643153	6/19/96
	94-031	FR	Protection plug	95109298.0	6/16/95	0706194	9/3/97
	94-032	FR	Terminal element	95109771.6	6/23/95	0706234	11/24/99
	94-035	FR	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	95111172.3	7/15/95		
	94-036	FR	Cable protection element	95106431.0	4/28/95		
	94-037	FR	19"Racking system	95106430.2-2207	4/28/95		
	94-039	FR	Charge detection in a telephone network	95943997.7	7/12/95		
	95-006	FR	Electrical Connectors	96105422.8	4/4/96		
	95-009	FR	Switching field	96112250.4-2302	7/30/96	0758792	10/17/01
	95-010	FR	Electrical Connector	96112491.4	8/2/96		
	95-012	FR	Distribution device for telecommunications and data technique	96113135.6	8/16/96		
	95-013	FR	Termination device for the telecommunication and data technique	96114423.5-2209	9/10/96		
	95-016	FR	Terminal block for high transmission rates	96111904.7-2308	7/24/96	0766352	11/29/00
	95-017	FR	Connecting device for telecommunication and data technique	96110940.2-2308	7/6/96		
	95-019	FR	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96113454.1-2209	8/22/96		
	95-020	FR	Automatic re-arrangement and distribution device for telecommunication and data lines	96115100.8	9/29/96		
	95-022	FR	Main distribution frame MDF	96920705.9	6/26/96		
	96-001	FR	Electronic access control and security system	97101244.8	1/28/97		
	96-002	FR	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97101240.6	1/28/97	0797379	9/18/02
	96-005	FR	Management-capable splice cassette	97101253.9	1/28/97		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-006	FR	Earthing module	97104914.3-2308	3/22/97		
	96-007	FR	Termination tool	97104913.5-2308	3/22/97		
	96-011	FR	High density high performance connector	97108131.0	5/20/97		
	96-013	FR	Connecting terminal	97111592.8	7/9/97	0837525	11/8/00
	96-018	FR	Clamping device	97118901.4	10/30/97	0844694	3/1/00
	96-019	FR	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-020	FR	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	96-021	FR	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	97118903.0	10/30/97	0849850	7/11/01
	96-025	FR	Wall for the casing or the door of a cabinet, especially for electric or electronic assemblies	97108562.6	5/28/97	0810704	1/24/01
	97-002	FR	Outdoor housing	98102656.0	2/17/98	0863593	8/29/01
	97-003	FR	Protection Plug	98102655.2	2/17/98	0862197	6/9/99
	97-008	FR	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-011	FR	Cable fastening	98102653.7	2/17/98		
	97-012	FR	Distribution block for telecommunication and data technology	98103424.2	2/27/98		
	97-013	FR	Stationary housing with wall elements made of plastic	98103423.4	2/27/98		
	97-016	FR	Overvoltage protection module	98107492.5	4/24/98		
	97-017	FR	Safety Plug (Terminator)	98107586.4	4/25/98		
	97-018	FR	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-019	FR	Interface module	98107578.1	4/25/98		
	97-022	FR		98114148.4	7/29/98		
	97-023	FR	Method for designing a telecommunications and data network	98948732.7	8/6/98		
	97-025	FR	Casing	98117540.9	9/16/98	0910146	5/25/05
	97-028	FR	Apparatus for connecting cable cores	98119013.5	10/8/98		
	97-030	FR	High Frequency Cable	98964444.8	11/27/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	97-031	FR	Electrical power outlet with IDC connections	98121647.6	11/12/98	0921611	6/4/03
	97-032	FR	Patch Panel with retractable patch cord	98123266.3	12/7/98		
	98-001	FR	Optical fibre connector	98960871.6	12/8/98		
	98-002	FR	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-004	FR	Casing	99101294.9	1/25/99	0938163	4/27/05
	98-005	FR	Clamping element for cable shielding	99104341.5	3/4/99	0944132	12/20/00
	98-010	FR	Electrical Connector	99107064.0	4/10/99	0952635	8/24/05
	98-013	FR	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	FR	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-023	FR	Electrical Connector	99112489.2	7/1/99		
	98-024	FR	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	98-025	FR	Shielding device for connection strips in telecommunications and data engineering	99952571.0	10/14/99		
	99-001	FR	Connection element for cable conductor	99121852.0	11/4/99	1018786	9/19/01
	99-002	FR	Surge arrester mounting unit for telecommunications and data systems equipment	99121037.8	10/21/99		
	99-004	FR	Overvoltage protection element	99125286.7	12/18/99		
	99-006	FR	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07
	99-007	FR	Connector element with closure device	00916921.0	3/10/00		
	99-009	FR	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-010	FR	Traction relief device for a wire	00110099.9	5/13/00		
	99-014	FR	Frontpanel for LWL-modules	00115726.2-2205	7/21/00		
	99-018	FR	Electrical Connector	00124720.4	11/13/00		
	99-019	FR	Distribution cabinet	99121185.5	10/22/99	1047167	9/17/03
	AE490	FR	Liquid Resistant Contact System	98250379.9	10/28/98	924805	7/14/04
	MP0122	FR	Wraparound Closure Sleeve	7128933	8/6/71	7128933	8/1/72
	MP0196	FR	Method & Apparatus For Splicing Lines	7530787	10/8/75	7530787	6/25/79

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0220	FR	Pressurized Splice Case	7636961	12/8/76	7636961	11/24/80
	MP0241	FR	Splice Case With Multiple Cable Adapter	7732117	10/25/77	7732117	2/8/82
	MP0245COM	FR	Method For Form Closure Using Ht Recover Sheet Material	7737842	12/15/77	7737842	10/10/83
	MP0252	FR	Method Of Encapsulation	7814591	5/17/78	7814591	9/26/83
	MP0252	FR	Method Of Encapsulation	7918213	7/13/79	7918213	4/5/83
	MP0268	FR	Heat Recoverable Articles And Their Uses	7909718	4/18/79		
	MP0269	FR	Heat Recoverable Closure With Substrate Protective Means	7913367	5/25/79	7913367	5/25/79
	MP0270	FR	Methods For Sealing Closure Members To Substrates	7921056	8/21/79		
	MP0279COM	FR	Fiber Optic Waveguide Termination & Method Of Forming Same	7929380	11/29/79	7929380	7/1/85
	MP0283COM	FR	Rail-Less Wraparound And Fastener	7929953	12/6/79		
	MP0718COM	FR	Corrugated Ht Rec. Tape & Flexible Collar Tee	81302605.1	6/11/81	0042262	6/5/85
	MP0757	FR	Air Vent Assembly	82300555.8	2/3/82		
	MP0766	FR	Fiber Optic Splicing	8207003	4/23/82		
	MP0766	FR	Fiber Optic Splicing	8501057	4/27/82	8501057	7/12/85
	MP0766	FR	Fiber Optic Splicing	8207239	4/27/82	8207239	9/3/85
	MP0781COM	FR	Flat Sheet Closure & Method	82304743.6	9/9/82		
	MP0798COM	FR	Fiber Optic Organizer	83300177.9	1/13/83		
	MP0799COM	FR	Paddlecard Terminator	82306555.2	12/8/82	0081389	9/3/86
	MP0838COM	FR	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	83306140.1	10/11/83	0108518	1/18/89
	MP0839COM	FR	Optical Fiber Tap	83903730.6	10/24/83	0125282	8/26/92
	MP0849	FR	Optical Fiber Adhesive Joint Tube - Release Agent	84300771.7	2/7/84	0121988	4/20/88
	MP0850	FR	Optical Fiber Adhesive Joint Tube - Hourglass Shape	84300770.9	2/7/84	0121987	5/2/90
	MP0855	FR	A Mechanical Coupling Assembly And Method Of Using Same	84901659.7	3/29/84	0138986	12/27/90
	MP0871A	FR	Protective Article	86302209.1	3/25/86	0196219	7/22/92
	MP0874	FR	Tube Storage And Delivery Device	84306793.5	10/5/84	0145153	11/5/86

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0889	FR	Method And Apparatus For Determining Attenuation Across Optical Fiber Splice	84307314.9	10/24/84		
	MP0899	FR	Light Launch Detection & Splicing Devices For Loose Tube Buffered Optical Fiber	85300528.8	1/25/85		
	MP0900	FR	Wraparound Article	84308644.8	12/12/84	0147130	8/7/91
	MP0995COM	FR	Optical Fiber Termination	85308204.8	11/12/85		
	MP0997	FR	Center Conductor Closure	85308790.6	12/3/85	0186339	5/3/89
	MP1018	FR	Splice Case	86300045.1	1/6/86	0189240	3/28/90
	MP1019	FR	Liner For Making Pressurized Splice Closure	86300833.0	2/6/86	0194040	5/16/90
	MP1027	FR	Closure Including Gel-Filled End Seals	86300835.5	2/6/86	0191609	4/25/90
	MP1045	FR	Drop Wire Branch Article	86301678.8	3/10/86		
	MP1077	FR	Determining Splice Attenuation	86305112.4	7/1/86		
	MP1078	FR	Corrosion Protection Apparatus	86306401.0	8/19/86	0213874	11/19/92
	MP1085	FR	Compression Pressure Indicator	86307415.9	9/26/86		
	MP1092	FR	Optical Fiber Contact And Connector	86309060.1	11/19/86	0223609	2/16/94
	MP1093	FR	Optical Fiber Connector	86309059.3	11/19/86	0223608	11/11/92
	MP1097	FR	Apparatus For Relieving A Load Across A Cable Repair Region	86308773.0	11/11/86	0222616	8/26/92
	MP1111	FR	Insulation Displacement Connector For High Axial Strength	87304130.5	5/8/87		
	MP1112	FR	Universal End Plate-Gel Seal	87301044.1	2/5/87		
	MP1125	FR	Optical Fiber Termination Using An Elastic Convex Dam	87304031.5	5/6/87	0245087	7/29/92
	MP1129	FR	Splice Closure System	87903804.0	5/29/87	0269697	7/15/92
	MP1140COM	FR	Strained Distributed Optical Fiber Communication System	87307394.4	8/21/87	0257999	4/28/93
	MP1155	FR	Coaxial Connector Moisture Seal	87309383.5	10/23/87	0265276	8/18/93
	MP1177	FR	Optical Fiber Tap Utilizing Reflector	88301189.2	2/12/88	0278775	9/13/95
	MP1184	FR	Alignment And Location Sleeve For Fiber Optic Contacts	88904743.7	3/21/88		
	MP1206COM	FR	Terminal Block	88306146.7	7/6/88	0298713	2/9/94
	MP1210	FR	Annealing Bent Optical Fiber	88306933.8	7/27/88		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1223	FR	Rotary Closure And Grommet	89901178.7	12/8/88		
	MP1238	FR	Telephone Junction Box And Switch Therefor	89902881.5	2/8/89	0408582	4/19/95
	MP1239COM	FR	Telecommunication Terminal Block Or Adapter	89903328.6	3/4/89	0403531	1/24/96
	MP1240	FR	Telecommunications Terminal Block	89902605.8	2/17/89	0402374	1/25/95
	MP1243	FR	Cable Sealing Apparatus	89904715.3	4/4/89		
	MP1254	FR	Optical Fiber Jaw Connector	89905535.4	4/4/89		
	MP1258	FR	Splice Case	89905534.7	4/26/89	0414756	7/27/94
	MP1260	FR	Optical Fiber Termination Coating Dispenser				
	MP1273	FR	Method Of Cable Sealing	89910480.6	9/8/89	0433368	7/20/94
	MP1275	FR	Rotary Connection Strain Relief On Terminal Block	89911333.6	9/19/89		
	MP1286	FR	Coaxial Cable Connector	90908826.2	5/15/90	0472644	7/30/97
	MP1293	FR	E-Z-On Connectors	90909963.2	6/8/90	0476056	9/6/95
	MP1340	FR	Optical Bypass Switch	91904351.3	12/20/90	0505506	8/28/96
	MP1345COM	FR	Binding Post For Wide Tolerance Caps	90915250.6	9/21/90		
	MP1351	FR	Cable Television Connection System	90312384.2	11/13/90		
	MP1374A	FR	Alarm And Test System For A Digital Added Mail Line	97200093.9	8/1/91	0771052	10/14/98
	MP1374A	FR	Alarm And Test System For A Digital Added Mail Line	95201384.5	8/1/91	0682435	1/13/99
	MP1374B	FR	Gel Filled Electrical Connector	93900806.6	12/3/92	0615662	3/4/98
	MP1374C	FR	Gel Filled Modular Electrical Connecting Block	94906610.4	1/12/94	0680666	6/9/99
	MP1374C	FR	Gel Filled Modular Electrical Connecting Block	98203335.9	1/12/94	0892467	4/16/03
	MP1391	FR	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	91918523.1	10/3/91	0552244	12/20/95
	MP1403	FR	Ez Twist Consumer Type Connectors	92908712.0	3/20/92		
	MP1404	FR	Hermaphroditic Gel Closure	92908708.8	3/13/92		
	MP1412	FR	Hinged Gel-Filled Security And Environmental Protection Device	92913286.8	6/8/92	0587748	4/23/97
	MP1514	FR	Environmental Protection Device With Manually Operated Latch Mechanism	95920420.7	5/17/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC003	FR	Cable Seal	92911309.0	5/1/92	0582652	7/30/97
	NC004	FR	Telecommunications Terminal Block	92922043.2	10/5/92	0685119	1/20/99
	NC012	FR	Fiber Optic Splice Closure	94902329.5	11/20/93	0671021	2/13/02
	NC022	FR	Improved Idc Having Wire Slippage Control	97937300.8	8/14/97	0919073	10/31/01
	NC044	FR	Fiber Optic Splice Closure Including Side Pivoting Slack Storage Holder And Associated Methods	99971929.7	11/12/99	1137962	1/14/04
	NC047	FR	Bulbous Configured Fiber Optic Splice Closure And Associated Method	00935820.1	3/29/00	1175634	2/19/03
	VPC-017	FR	Printed Circuit for Modular Plug	99204290.3	12/13/99	1014513	5/31/06
	VPC-021	FR	Modular Plug Having Improved Crosstalk Characteristics	99204490.9	12/22/99	1017138	2/23/05
02316.3882FREP	E-TO-00009	FR	Electrical Connector with Crosstalk Compensation	05849935.1	12/16/05	1829168	5/14/08
02316.3915FREP	E-TO-00205	FR	Electrical Connector With a Compliant Cable Strain Relief Element	09767072.3	6/18/09	2308138	8/7/13
02316.3918FREP	E-TO-00223	FR	Cassette for Use Within a Connectivity Management System	10709590.3	2/24/10	2401792	4/9/14
2316.1011/I2		FR	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	00939275.4	2/16/00	1 166 161	11/26/03
2316.1011/I4		FR	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	00964881.7	5/25/00	1185897	12/13/06
2316.1066/I1		FR	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	01964308.9	8/22/01	1368685	10/6/10
2316.1838/P2		FR	FIBER ACCESS TERMINAL	05728278.2	3/8/05	1730564	11/11/09
2316.1904/I1		FR	Cross-connect method and apparatus	96908749.3	3/19/96	0815622	5/14/03
2316.2295/I1		FR	SYSTEMS AND METHODS FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT	08000126.6	1/4/08		
2316.2295/I1		FR	FRAME FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT AND ASSOCIATE METHODS	10180636.2	11/17/04	2264499	3/19/14
2316.2298/U1		FR	OPTICAL FIBER DROP TERMINAL	10178297.7	11/2/05	2259115	7/31/13
2316.2584/P2		FR	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	08837186.9	8/5/08	2176696	4/23/14
2316.2584/P4		FR	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	08799151.9	9/4/08	2185962	8/22/12
5487.225.WO	E-TO-00027	FR	Optical Fiber Repair Apparatus with Adjustable Guide Member and Methods for Using the Same	06740128.1	3/30/06	1872164	5/5/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
5487.241 .WO	E-TO-00086	FR	Optical Fiber Clips, Random Access Management Systems Including Clips and Methods for Using the Same	06826501.6	10/23/06	1949162	1/11/12
TYCEO/ P32112EP	NC059	FR	Low Profile Optical Fibre Network Interface Enclosure	01204160.4	10/30/01	1203974	2/1/06
16999		FR	MODULAR PLUG HAVING COMPENSATING INSERT	9814837	11/25/98	2771554	7/6/01
16012		FR	DIVERGENT LOAD BAR	95932408.8	9/8/95	789939	6/23/99
16194		FR	PATCH CARD ASSEMBLY	96922598.6	6/27/96	835535	12/29/99
16120		FR	MODULAR JACK SUBASSEMBLY FOR USE IN A NETWORK OUTLET	96932137.1	8/5/96	842554	5/12/99
16196		FR	WIRE STUFFER CAP/STRAIN RELIEF FOR COMMUNICATION NETWORK OUTLET	96935940.5	9/25/96	852825	5/12/99
16463		FR	NON-OHMIC ENERGY COUPLING FOR CROSSTALK REDUCTION	97906720.4	2/26/97	883977	11/8/00
16446		FR	PATCH PANEL HAVING SNAP TOGETHER CONSTRUCTION	97927680.5	5/21/97	1012917	7/31/02
40758		FR	CONNECTOR CABLING TERMIINATOR	99100687.5	1/15/99	1020964	10/12/05
17243		FR	MODULAR PLUG HAVING A CIRCUIT BOARD	99305018.6	6/25/99	971444	8/13/08
17153		FR	MULTI CHANNEL FIBER OPTIC CONNECTOR WITH SINGLE ATTACHED LATCH	99917616.7	4/16/99	1073923	11/3/04
61015		FR	RF MODEM WITH IMPROVED BINARY TRANSVERSAL FILTER	87309417.1	10/26/87	269253	5/6/92
61021		FR	PACKET NETWORK TIMING ANALYZER	89312929.6	12/11/89	375243	8/24/94
13621		FR	LOCAL AREA NETWORK INTERFACE	94201482.0	6/11/87	614249	11/20/96
13621		FR	LOCAL AREA NETWORK INTERFACE	94201481.2	5/25/94	614248	11/20/96
13621		FR	LOCAL AREA NETWORK INTERFACE	87904196.0	6/11/87	274487	1/11/95
14000		FR	LAN COMMUNICATION SYSTEM AND MEDIUM ADAPTER FOR USE THEREWITH-Communication	88903570.5	3/21/88	307461	7/14/93
14035		FR	MODULAR PLUG COUPLER	88310105.7	10/27/88	319138	8/11/93
14113		FR	ELECTRICAL CONNECTOR FOR TELEPHONE LINE	8714313	10/16/87	8714313	4/5/96
14305		FR	CYLINDRICAL INSULATION DISPLACING CONNECTOR	89305747.1	6/7/89	348066	4/6/94
14494		FR	ACCESS FLOORING MODULE	94203547.8	12/6/94	648001	10/8/97
14494		FR	ACCESS FLOORING MODULE	90307221.3	7/2/90	410588	3/20/96
14527		FR	POWER DISTRIBUTION SYSTEM FOR MODULAR FURNITURE UNITS	90115172.0	8/7/90	413242	3/27/96
14528		FR	PLUG-IN OUTLET UNIT FOR MODULAR FURNITURE POWER DISTRIBUTION SYSTEM	90115170.4	8/7/90	413241	3/22/95
14764		FR	INSULATION DISPLACING BARREL TERMINAL	92921641.4	10/7/92	560971	2/26/97
15143		FR	CIRCUIT WIRING DEVICE	92311831.9	12/29/92	551768	6/26/96
15185		FR	TRUNK CABLE FAULT DETECTION AND RECONFIGURATION ARRANGEMENT		7/20/92		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
15239		FR	TELEPHONE JUNCTION ENCLOSURE AND SYSTEM FOR SEALING A WIRE OPENING ARRAY	93300810.4	2/4/93	556979	4/24/96
15263		FR	CABLE STRAIN RELIEF FOR A SHIELDED ELECTRICAL CONNECTOR	93107592.3	5/10/93	569918	8/28/96
15396		FR	IMPROVED SHIELDED ELECTRICAL CONNECTOR	93306228.3	8/6/93	587303	10/21/98
15396		FR	IMPROVED SHIELDED ELECTRICAL CONNECTOR	98201173.6	8/6/93	865113	5/22/02
15544		FR	OVERMOLD STRAIN RELIEF AND SNAG PREVENTION FEATURE	95926273.4	7/14/95	782774	4/22/98
15618		FR	ELECTRICAL CONNECTOR WITH SLOTTED BEAM CONTACT	94309378.1	12/15/94	664575	4/14/99
15626		FR	SPLICE TRAY RACK AND CABINET FOR FIBER OPTIC CABLES	94301842.4	3/15/94	620462	7/21/99
15696		FR	INTERCONNECT ASSEMBLY FOR OPTICAL FIBER PLUGS	94114744.9	9/19/94	647865	7/29/98
15700		FR	NETWORK INTERFACE DEVICE MODULE PROVIDING SEALED CUSTOMER ACCESSIBLE TEST PORT	95911703.7	2/13/95	750823	10/6/99
15736		FR	ENCLOSURE WITH SEALANT FOR SPLICED COAXIAL CABLE	94119438.3	12/8/94	657980	4/28/99
15912		FR	ELECTRICAL CONNECTOR FOR TELECOMMUNICATIONS	9511382	9/28/95		
15926		FR	OVERMOLDED FIBER OPTIC CONNECTOR FERRULE CAPILLARY HAVING OCTAGONAL COLLAR	96910362.1	2/29/96	815478	6/9/99
16679		FR	ELECTRICAL CONNECTOR WITH PAIRED TERMINALS	97944460.1	9/25/97	928505	9/4/02
17123		FR	MULTIPLE FIBER SPLICE ELEMENT AND CONNECTOR	98309263.6	11/12/98	916974	3/22/06
17324		FR	TERMINATING WIRE CARRIER MODULE	99305070.7	6/28/99	969553	3/26/08
40057		FR	SHIELDED DATA CONNECTOR	93301280.9	2/22/93	558250	4/16/97
40057		FR	SHIELDED DATA CONNECTOR	96202067.3	2/22/93	744791	7/26/00
40108		FR	DATA COMMUNICATION OUTLET KIT	94106690.4	4/28/94	622868	3/15/00
40113		FR	SUBSCRIBER INTERFACE BOX	94305022.9	7/7/94	637176	12/18/02
40113		FR	SUBSCRIBER INTERFACE BOX	9309437	7/30/93		
40174		FR	PATCH PANEL IDC CONNECTOR	9402039	2/23/94		
40174		FR	PATCH PANEL IDC CONNECTOR	94309670.1	12/22/94	669676	4/7/99
40256		FR	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	95118433.2	11/23/95	716477	8/22/01
40363		FR	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	96911092.3	5/14/96	0826253	7/7/99
40377		FR	WIRE CUTTING ELECTRICAL CONNECTOR HAVING TEST PROBE ACCESS	96913662.1	5/22/96	829114	3/17/99
40415		FR	LOW PROFILE COMMUNICATIONS OUTLET	9511865	10/9/95	9511865	1/29/99
40837		FR	Cable Cabinet for Telecommunications Installations, has Integral Mounting Plates for Cables and Connectors	9908312	6/29/99	9908312	2/11/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
61007		FR	COMMON MEDIUM TIME DIVISION MULTIPLEX RING USING LOCAL LOGIC	86309379.5	12/2/86	230116	4/24/91
61019		FR	METHOD AND APPARATUS FOR TESTING FIBER OPTIC HUBS	88309579.6	10/13/88	315331	3/18/92
68016		FR	FIBER OPTIC ATTENUATOR	93907355.7	3/8/93		
8413		FR	ELECTRICAL TERMINALS FOR FLAT TWO-CONDUCTOR LEAD IN WIRE	7433196	10/2/74	7433196	5/29/75
WR008		FR	Apparatus For Solderless Splicing				
WR010		FR	Electronic Control/Measurement	7437553	11/14/74		
WR014COM		FR	Cable Joint Assembly	7628195	9/20/76	2326063	8/7/81
WR017		FR	Wraparound-Rails With Helical Stitching	7725573	8/22/77		
WR018		FR	Cable Joinder Assembly-Sleeve Heads Wholly Inside-Out	7725574	8/22/77	2373903	6/20/83
WR019		FR	Cable Sleve Assembly-Wraparound Sleeve Heads	7811914	4/21/78	7811914	1/13/84
WR020		FR	Rail And Channel - Rails By Sleeve Around Slottes Edge Clamps	7822845	8/2/78		
WR022		FR	Wraparound As Wr020 But Edge Clamps Segmented	7903751	2/14/79		
WR024COM		FR	Inside Out Omega Wraparound	8005665	3/13/80		
WR027		FR	Cable Sheath Cutter	7932047	12/28/79	7932047	10/16/81
WR030		FR	Pull-Wire	8117795	9/21/81	2493620	1/17/86
WR031		FR	Catv Box ; Moulded Parts	81105584	7/16/81		
WR033		FR	Clip-Adhesive Central Leg	8113562	7/9/81	2500223	4/12/85
WR035		FR	Cable Marker Plate	82103744	5/3/82		
WR037		FR	End Seal For Catenary Cable	8211179	6/25/82	2508733	5/27/83
WR043		FR	S.C.O.P.	8207901	5/6/82	2512394	8/23/85
WR045		FR	Inside-Out Moulded End Part	82105976.3	7/5/82	0080016	6/12/85
WR050		FR	Temporary End Cap For Coax Cable	8305946	4/12/83		
WR061		FR	Feedthrough	84100404	1/17/84		
WR069		FR	Butt Design Catv Box - One Closure Cap With Separate Hs Sleeves	8512947	8/30/85		
WR073		FR	Device For Splicing Wires	85110494.3	8/21/85		
WR074COM		FR	Branch-Out X-Filling Piece In Sleeve End	85116244.6	12/19/85	0188777	3/15/89
WR082		FR	S.C.O.P. With Pattern Of Recesses	86304520.9	6/12/86	0209245	6/5/91
WR085		FR	Pressure-Tight Housing Of Plastics Materials For Cable Coupler Fittings	8606839	5/13/86		
WR087		FR	Multi-Cable Feedthrough Especially For Coax	8618073	12/23/86	2608852	8/11/89
WR087		FR	Multi-Cable Feedthrough Especially For Coax	8900954			
WR090		FR	Fiber Optic Organizer	86110361.2	7/26/86	0216073	9/20/89
WR102		FR	Heat Shrink Radi With Removable Outlets	87301936.8	3/5/87	0236141	11/11/92
WR103		FR		87304348.3	5/15/87		
WR112		FR	Telescopic Duct Seal	88111893	7/23/88		
WR118		FR	Cable Cutting Tool	89105061	3/21/89	0338273	6/3/92

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR119		FR	High Frequency Shielded Connection For Coax Cable	89110438.2	6/9/89		
WR120		FR	Multi-Outlet Box For Cables	89111573.5	6/24/89		
WR125		FR		8815263	11/23/88	2623666	11/25/94
WR129		FR	Device For Sealing Unoccupied Cable Conduits	89104239.2	3/10/89	0386299	8/3/94
WR133		FR	Electrical Plug Connector	90110859.7	6/8/90		
WR136		FR	Cable Splice				
WR137		FR	Connection To Terminal Plate. Similarity To D. Terminator	91907679.4	4/12/91		
WR140		FR	Mechanical Radi Seal	91916615.7	9/12/91	0548203	8/21/96
WR142		FR		91920407.3	11/27/91		
WR145		FR	Fibre Optic Housing With Consumer Tap And Lead To Next Consumer I Same Housing.	92109429.8	6/4/92	0531628	9/25/96
WR156		FR	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	93919538.4	9/14/93		
WR160		FR	Catv Splitter With Variable Attenuation	94903960.6	1/6/94	0678221	6/4/97
WR161		FR	Uteic With Stack Of Trays	94919754.5	7/4/94	0707714	10/15/97
WR163		FR	Uteic With Dust Flap	94919793.3	7/8/94		
WR164		FR	Uteic Cable Gripper With Self-Centring	94902984.7	1/6/94		
WR165		FR	Catv Box For In-Line/Butt Connection	94924359.6	8/23/94	0715776	10/14/98
WR166		FR	Shaped Silicone Rubber Seal For Uteic Closure	94924915.5	8/23/94		
WR168		FR		94931106.2	10/27/94		
WR172		FR	Catv Tap With Power Tap-Off	95932823.8	9/26/95		
40.1620		GB	PATCH MODULE	XX	6/25/82	0068472	6/25/82
100.0019		GB	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	01950794.6	7/3/01	1303929	10/12/11
100.0050		GB	DIGITALLY CONTROLLED PHASE LOCKED LOOP	9318893.6	9/13/93	2,282,719	4/22/98
100.0050		GB	DIGITALLY CONTROLLED PHASE LOCKED LOOP	9500607.8	1/12/95	2,286,300	12/2/98
100.0051		GB	PERFORMANCE MONITORING AND FAILURE ISOLATION IN A POINT-TO-MULTIPOINT COMMUNICATION NETWORK	94902250.3	11/15/93	0 702 870	9/1/99
100.0058		GB	HYBRID FIBER/COAX VIDEO AND TELEPHONY COMMUNICATION SYSTEM	95933845.0	9/19/95		
100.0157		GB	HIGH FREQUENCY AMPLIFICATION CIRCUIT	01981470.6	10/10/01	1325556	4/8/09
100.0181		GB	CIRCUIT ARRANGEMENT FOR REDUCING PASSBAND RIPPLE OF A BANDPASS FILTER	99902107.4	1/19/99	1051807	9/10/03
100.0376		GB	METHOD AND APPARATUS FOR FREQUENCY AGILITY IN A COMMUNICATION SYSTEM	96908853.3	3/18/96	0 815 694	10/11/00
100.0381		GB	METHOD AND APPARATUS FOR DETECTING THE COLLISION OF DATA PACKETS	85901239.5	2/14/85	172,236	2/14/85
100.0451		GB	DISTRIBUTED DIGITAL SIGNAL SUMMATION AND GAIN CONTROL	03796586.0	12/3/03	1570687	10/9/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0452		GB	DISTRIBUTED DIGITAL ANTENNA SYSTEM	03790242.6	12/3/03	1570626	11/6/13
100.0514		GB	CONNECTION ARRANGEMENT	95141131	7/11/95	2,292,487	8/21/96
100.0515		GB	CONNECTION ARRANGEMENT	95306986.1	10/3/95		
100.0629		GB	RETROREFLECTIVE SHEETING MATERIAL, A METHOD OF ITS PRODUCTION AND ITS USE	94 928 772.6	10/4/94	0 724 740	3/24/99
100.0682		GB	TUBULAR MEMBRANE VENT	06801714.4	8/17/06	1928759	10/10/12
100.0707		GB	PROVIDING WIRELESS COVERAGE INTO SUBSTANTIALLY CLOSED ENVIRONMENTS	06772594.5	6/8/06	1889420	2/27/13
100.0729		GB	Centrally located equipment for wireless telephone system	99934392.4	2/19/99	1080594	7/27/05
100.0755		GB	Multi-Protocol Distributed Wireless System Architecture	01920800.8	3/27/01	1269776	7/1/09
100.0755		GB	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	09162278.7	3/27/01	2094058	1/16/13
100.0755		GB	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	11168006.2	3/27/01	2364056	11/7/12
100.0759		GB	BLOSSOM/WILT OR DYNAMIC REALLOCATION IN A DISTRIBUTED FIBER SYSTEM	00303365.1	4/20/00	1047276	6/22/05
100.0763		GB	Operations and Maintenance Architecture for Multiprotocol Distributed System	01929028.7	3/29/01	1269691	12/26/07
100.0788		GB	SYSTEMS AND METHODS FOR ANALOG TRANSPORT OF RF VOICE/DATA COMMUNICATIONS	07760390.0	4/10/07	2025179	10/28/09
100.0922		GB	Method and system for distributing multiband wireless communications signals	02394013.3	1/24/02	1227605	1/2/08
100.0937		GB	Distribution of radio-frequency signals through low bandwidth infrastructures	97922450.8	4/18/97	0 894 369	2/18/04
100.0964		GB	Cellular base station	2065963	5/20/97	2065963	2/18/98
100.0968		GB	Self-contained masthead units for cellular communication networks	98953787.3	10/21/98	1 025 615	7/3/02
100.0972		GB	Cellular base station with intelligent call routing	96913256.2	4/29/96	0 824 836	7/11/01
100.1060		GB	METHOD AND DEVICE FOR TUNING THE WAVELENGTH OF AN OPTOELECTRONIC COMPONENT ARRANGEMENT	980965648	10/21/98	1036428	9/26/01
100.1141		GB	DISTRIBUTED DIGITAL REFERENCE CLOCK	11813094.7	7/27/11	2599240	12/17/14
100.1147		GB	Method for Synchronizing the Wavelengths of an Arrangement of Optoelectronic Components	980963448.0	11/12/98	0956625	4/21/04
100.1152		GB	Generator for Producing a High Frequency, Low Noise Signal	970925866	5/23/97	0901713	4/19/00

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1154		GB	OPTOELECTRIC MULTI-WAVELENGTH CONSTRUCTION ELEMENT	19950110326	7/3/95	0704946	10/1/03
100.1155		GB	METHOD FOR THE OPTIMUM UTILIZATION OF BASE MATERIAL IN THE MANUFACTURE OF OPTOELECTRONIC COMPONENTS WITH VARIABLE-PERIOD GRATING	960100723	1/19/96	0747739	5/10/06
100.1157		GB	Photon Detector and Method of Manufacturing	970924964	5/21/97	0901613	1/23/02
2316.0015		GB	ELECTRICAL CONNECTOR MODULE	82110474.2	11/12/82	0 079 599	11/12/82
2316.0019		GB	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSING	85850253.7	8/1/85	0 197 234	2/27/91
2316.0024		GB	ELECTRICAL JACK	85850121.6	4/4/85		
2316.0038		GB	ELECTRICAL JACK FRAME	81101655.9	3/6/81	0 035 776	7/24/85
2316.0041		GB	ELECTRICAL CONNECTOR APPARATUS	85850356.8	11/5/85	0 181 306	2/17/93
2316.0056		GB	ELECTRICAL CONNECTOR APPARATUS	85850355.0	11/5/85	0 181 305	2/27/91
2316.0058		GB	FIBER OPTIC MULTIPLEXER	8529208	11/27/85	2,169,766	6/8/88
2316.0095		GB	JACK DEVICE	86309708.5	12/12/86	0 230 746	2/22/95
2316.0113		GB	TERMINAL ASSEMBLY	87101289.4	1/30/87	0 233 527	11/13/91
2316.0123		GB	OPTICAL FIBER DISTRIBUTION APPARATUS	86307114.8	9/16/86	0 215 668	12/19/90
2316.0156		GB	MONOLITHIC FIBER OPTIC COUPLER HAVING TOTAL INTERNAL REFLECTING SURFACE	8418923	7/25/84	2,162,335	7/25/84
2316.0163		GB	BI-DIRECTIONAL OPTICAL FIBER COUPLER			2,162,336	7/25/84
2316.0300		GB	PLUG-IN JACK CARD FOR NORMALLY CLOSED CONTACTS	91402605.9	9/30/91	0 486 331	7/24/96
2316.0372		GB	MINIATURE COAX JACK MODULE	92915879.8	7/14/92	0 634 061	6/4/97
2316.0372		GB	MINIATURE COAX JACK MODULE	96202654.8	7/14/92	0 755 095	11/2/00
2316.0458		GB	PATCH CORD	94906556.9	1/7/94	0 686 267	4/23/97
2316.0488		GB	HIGH-DENSITY FIBER DISTRIBUTION FRAME	95903533.8	11/16/94	0 740 803	1/27/99
2316.0488		GB	HIGH-DENSITY FIBER DISTRIBUTION FRAME	98112420.9	11/16/94	0 871 047	4/16/03
2316.0498		GB	JACK MODULE	94925075.5	5/24/94	0 725 988	7/8/98
2316.0691		GB	SWITCHING COAX JACK DEVICE	98913075.2	3/23/98	0 972 320	6/12/02
2316.0706		GB	AMPLIFIER SWITCH CONTROLLER AND SYSTEM	0108969.7	12/9/97	2,357,916	8/22/01

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0706		GB	AMPLIFIER SWITCH CONTROLLER AND SYSTEM	9912820.9	12/9/97	2,334,394	6/6/01
2316.0753		GB	DSX MODULE WITH REMOVABLE JACK	98908667.3	2/23/98	0 963 620	9/18/02
2316.0777		GB	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	01104552.3	3/5/01	1 120 866	10/15/03
2316.0777		GB	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	98911988.8	3/23/98	0 972 319	5/22/02
2316.0786		GB	FIBER CONNECTOR AND ADAPTER	03004353.3	5/14/98	1331496	1/4/06
2316.0786		GB	FIBER CONNECTOR AND ADAPTER	98922274.0	5/14/98	0 983 525	7/9/03
2316.0786		GB	FIBER CONNECTOR AND ADAPTER	99944053.0	9/1/99	1114346	6/27/07
2316.0891		GB	REPAIRABLE CONNECTOR AND METHOD	02011684.4	1/5/99	1 246 316	3/31/04
2316.0891		GB	REPAIRABLE CONNECTOR AND METHOD	99901287.5	1/5/99	1 051 777	5/2/03
2316.0942		GB	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	99923237.4	5/20/99	1 084 523	8/6/03
2316.0960		GB	FIBER OPTIC MODULE	99944994.5	7/14/99	1112521	3/30/05
2316.0974		GB	FIBER OPTIC CABINET AND TRAY	99943934.2	8/25/99	1116062	7/16/08
2316.0988		GB	JACK ASSEMBLY	99960228.7	11/5/99	1145385	3/8/06
2316.1009		GB	DSX MODULE WITH REMOVABLE JACK	00920005.6	3/31/00	1 169 753	5/14/03
2316.1010		GB	MICROELECTROMECHANICAL OPTICAL SWITCH AND METHOD OF MANUFACTURE THEREOF	00 962 031.1	8/1/00	1208403	11/17/04
2316.1017		GB	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	00908583.8	2/10/00	1151620	8/26/09
2316.1021		GB	METHOD OF ETCHING A WAFER LAYER USING A SACRIFICIAL WALL AND STRUCTURE FORMED THEREBY	00962032.9	8/1/00	1221176	1/14/09
2316.1051		GB	HIGH DENSITY PATCHING SYSTEM	00920235.9	4/11/00	1173981	11/5/08
2316.1171		GB	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	01918654.3	3/14/01	1 273 081	1/17/07
2316.1220		GB	CABLE TROUGH WITH SEPARATE SIDE ELEMENTS	01973523.2	9/25/01	1323220	7/4/07
2316.1250		GB	CABLE EXIT TROUGH WITH INSERT	01977447.0	10/4/01	1356321	4/4/07
2316.1289		GB	LOW PROFILE CABLE EXIT TROUGH	01987552.5	10/29/01	1372991	4/26/06
2316.1474		GB	ANGLED RJ TO RJ PATCH PANEL	0411323.9	11/13/02	2,397,703	5/31/06
2316.1474		GB	ANGLED RJ TO RJ PATCH PANEL	0516478.5	8/11/05	2,415,549	6/14/06
2316.1474		GB	ANGLED RJ TO RJ PATCH PANEL	0605856.4	11/13/02	2,420,665	7/26/06

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1481		GB	DSX JACK INCLUDING SLIDING REAR CONNECTOR	07000813.1	1/16/07	1793454	12/29/10
2316.1481		GB	DSX JACK INCLUDING SLIDING REAR CONNECTOR	02762071.5-1528	4/11/02	1391010	1/24/07
2316.1533		GB	GUIDE FOR FEMALE BNC CONNECTOR PART	00166280	1/29/99	2,349,753	1/23/02
2316.1599		GB	FIBER TERMINATION BLOCK WITH ANGLED SLIDE	02782279.0	11/7/02	1446691	6/24/09
2316.1605		GB	FRONT ACCESS DSX ASSEMBLY	02780315.4	9/16/02	1437007	2/17/10
2316.1637		GB	TRIAXIAL CONNECTOR ADAPTER AND METHOD	03731947.2	1/16/03	1472762	3/18/09
2316.1692		GB	REAR ACCESS DSX SYSTEM	03809547.7	10/8/03	1557051	4/9/08
2316.1693		GB	HIGH DENSITY DSX SYSTEM	03809546.9-1237	10/8/03	1557050	7/16/08
2316.1744		GB	HIGH DENSITY PANEL WITH ROTATING TRAY	03752606.8	9/26/03	1557048	3/20/11
2316.1747		GB	POWER DISTRIBUTION PANEL WITH MODULAR INSERTS	03790469.5	12/12/03	1579748	7/29/09
2316.1777		GB	COAXIAL MODULE WITH SURGE PROTECTOR	04712907.7	2/19/04	1600011	1/19/11
2316.1780		GB	FIBER CONTAINMENT SYSTEM	04753765.9	5/28/04	1632116	5/25/11
2316.1785		GB	TELECOMMUNICATIONS CONNECTION CABINET	04755793.9	6/18/04	1639840	1/25/12
2316.1785		GB	TELECOMMUNICATIONS CONNECTION CABINET	11166490.0	5/18/11	2360937	12/19/12
2316.1799		GB	COVER FOR CABLE TROUGH	04795274.2	10/13/04	1680845	12/3/14
2316.1801		GB	FIBER OPTIC CABLE AND FURCATION MODULE	04809652.3	9/1/04	1664878	6/22/11
2316.1808		GB	JACK WITH MODULAR MOUNTING SLEEVE	04818332.1	10/29/04	1680841	4/8/15
2316.1823		GB	SERVICE BLOCKER DEVICE AND METHOD	05853771.3	12/12/05	1825310	2/27/13
2316.1863		GB	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	05771738.1	6/13/05	1766452	8/4/10
2316.1863		GB	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	10183098.2	9/30/10	2261713	3/20/13
2316.1888		GB	CABLE WITH OFFSET FILLER	04795260.1	10/14/04	1687833	10/2/13
2316.1889		GB	METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS	05713878.6	2/18/05	1719261	2/6/13
2316.1891		GB	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	05713874.5	2/18/05	1728300	4/15/15
2316.1893		GB	High performance data cable	0026378A	4/16/99	2353629	5/22/02
2316.1894		GB	Tuned patch cable	00932775.0	5/25/00	1212758	8/13/08

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1912		GB	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	08008856.0	5/14/08	1962519	9/29/10
2316.1912		GB	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	05 826 135.5	11/2/05	1808028	5/14/08
2316.2109		GB	FIBER OPTIC CONNECTOR HOLDER	06788020.3	7/20/06	1913430	1/28/09
2316.2138		GB	OPTICAL FIBER PATCH PANEL	8815446.3	6/29/88		
2316.2138		GB	OPTICAL FIBER PATCH PANEL	89306553.2	6/27/89	0 349 290	8/11/93
2316.2143		GB	STACKABLE SPLICE CHIP DEVICE	06802138.5	8/22/06	1929348	10/12/11
2316.2171		GB	CRIMPED CENTER CONDUCTOR	06816358.3	10/11/06	1949708	6/2/10
2316.2306		GB	HIGH DENSITY COAXIAL JACK	07755657.9	4/19/07	2011191	9/28/11
2316.2329		GB	Connecting Hardware with Multi-Stage Inductive and Capacitive Crosstalk Compensation	07852669.6	10/11/07	2082458	6/3/15
2316.2378		GB	Telecommunications Jack with Crosstalk Compensation and Arrangements for Reducing Return Loss	07775101.4	4/10/07	2008346	2/13/13
2316.2379		GB	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	07755200.8	4/10/07	2008345	6/23/10
2316.2379		GB	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	10163786.6	5/25/10	2216855	12/7/11
2316.2443		GB	Staggered Plastic Patch Panel with Upgrade features for conversion to Physical Layer Management	07839463.2	10/10/07	2078426	12/8/10
2316.2473		GB	FIBER OPTIC CONNECTOR MECHANICAL INTERFACE CONVERTER	08713473.0	1/3/08	2106562	3/11/15
2316.2666		GB	Improved Far End Crosstalk Compensation	09709848.7	2/12/09	2243200	9/5/12
2316.2700		GB	WAVELENGTH DIVISION MULTIPLEXING MODULE	09706377.0	1/29/09	2243237	9/18/13
2316.3053		GB	OPTICAL FIBER INTERCONNECT CABINETS, TERMINATION MODULES AND FIBER CONNECTIVITY MANAGEMENT FOR THE SAME	04757733.3	3/16/04	1604239	10/26/11
	00-018	GB	Plastic patch panel	0023666.1	9/27/00	2367378	8/25/04
	ITRACS001	GB	A System for Monitoring Connection Pattern of Data Ports	00919250.1	4/5/00	1173811	9/13/06
	99-017	GB	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	00-004	GB	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-009	GB	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-018	GB	Plastic patch panel	01985780.4	9/24/01	1322981	7/14/04

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	17904	GB	OPTICAL RIBER CONNECTOR THAT ALLOWS FOR CONTROL OF FERRULE RADIAL ORIENTATION	03254946.1	8/8/03	1394585	11/17/10
	17968	GB	NETWORK CONNECTION SENSING MODULE	03768701.9	11/5/03	1559277	1/6/10
	18019	GB	ELECTRICAL COUPLER WITH SPLITTING RECEPTACLE JACK INTERFACES	04251258.2	3/4/04	1458062	8/4/10
	03-009	GB	Wall outlet box	04765904.0	10/8/04	1678797	4/14/10
	03-010	GB	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	ITRACS001	GB	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
	ITRACS001	GB	Data Cable for Monitoring Connection Pattern of Data Ports	06019065.9	4/5/00	1758028	3/17/10
	E-TO-00008	GB	Electrical Connector with Shielded Differential Contact Pairs	06752183.1	5/1/06	1878094	3/14/12
	05-013	GB	Mounting apparatus for line and plug-in connecting elements	06762987.3	8/4/06	1915876	10/3/12
	06-009	GB	Connector Block	07765227.9	7/18/07	2044781	4/23/14
	07-004	GB	Terminal block	07856677.5	12/13/07	2127029	4/23/14
	TO-00270	GB	Cable Clamping Devices and Methods for Using the Same	09796515.6	12/7/09	2376962	2/13/13
	ITRACS001	GB	A System for Monitoring Connection Pattern of Data Ports	10156685.9	4/5/00	2228728	9/26/12
	09-011	GB	Terminal strip	10712336.6	3/26/10	2441128	3/12/14
	96-018	GB	Clamping device	97118901.4	10/30/97	0844694	3/1/00
	96-020	GB	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	00-015	GB	Electrical Connector	01956564.7-2217	7/26/01	1312137	5/25/05
	00-008	GB	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01	1290760	11/12/03
	00-019	GB	Optical Fibre Connection Housing	01982343.4-1524	9/24/01	1329011	8/31/05
	01-004	GB	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	01-005	GB	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	02-005	GB	Distribution box connection module for telecommunications and data technology	03792214.3-2214	7/18/03	1527503	5/14/14
	04-007	GB	Housing	04790911.4-2207	10/27/04	1678798	3/3/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	06-002	GB	Plug-in connector for telecommunications and data technology	07703260.5-1528	2/5/07	1997194	12/16/09
	06-006	GB	Plug-in connector for telecommunications and data technology	07765225.3-1528	7/18/07	2047571	4/20/11
	07-002	GB	Electrical plug-in connector	07856679.1-2214	12/13/07	2127044	8/13/14
	07-010	GB	Sleeve for optical waveguide cables	08715782.2-1524	2/15/08	2132589	8/3/11
	18031	GB	CABLE TERMINATING APPARATUS AND METHOD	04253289.5	6/2/04	1484824	1/16/08
	MP1492	GB	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	95916228.0	4/6/95	0755618	6/21/00
	MP0172	GB	Cohesive Sealant Articles	4724174	10/31/74	1490554	10/31/74
	MP0192	GB	Heat-Recoverable Article With Self-Contained Heater	9805/78	9/26/75	1529355	1/24/79
	MP0192	GB	Heat-Recoverable Article With Self-Contained Heater	10294/78	9/26/75	1529356	1/24/79
	MP0192	GB	Heat-Recoverable Article With Self-Contained Heater	39516/75	9/26/75	1529353	1/24/79
	MP0212	GB	Self Heating Article With Deformable Electrodes	32378/76	8/3/76	1562086	5/7/80
	MP0212	GB	Self Heating Article With Deformable Electrodes	24442/78	5/30/78		
	MP0212	GB	Self Heating Article With Deformable Electrodes	7831084	7/25/78	2012149B	6/23/82
	MP0219	GB	Expandable Heater With Apertured Electrodes	51229/76	12/8/76	1569161	8/13/80
	MP0735	GB	Wraparound Heat-Recoverable Sleeves	8116740	6/1/81		
	MP0736	GB	Heat-Recoverable Closure Assembly	8116741	6/1/81	2077060B	7/25/84
	MP0761	GB	Wraparound Protective Closure And Method Of Use	8302344	1/28/83		
	MP0790COM	GB	Thermoweave	8600292	1/5/84	2168649B	3/11/87
	MP0790COM	GB	Thermoweave	8600291	1/5/84	2168648B	3/11/87
	MP0790COM	GB	Thermoweave	8400194	1/5/84	2135632B	3/18/87
	MP0790COM	GB	Thermoweave	8319855	7/22/83		
	MP0790COM	GB	Thermoweave	8236578	12/23/82		
	MP0790COM	GB	Thermoweave	8300218	1/6/83		
	MP0810	GB	Flame Coloring Device	8304932	2/22/83	2115134B	7/10/85
	MP0859	GB	Electrical Devices Comprising PTC Elements	84307984.9	11/16/84	0144187	3/11/92
	MP0867	GB	Laminar Electrical Heaters	84303152.7	5/10/84	0128664	8/24/88

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0867	GB	Laminar Electrical Heaters	8411927	5/10/84		
	MP0872	GB	Heat Shrinkable Article	8423220	9/14/84	2148615B	9/16/87
	MP1086	GB	Devices Comprising PTC Conductive Polymers	86307651.9	10/3/86	0220003	3/14/90
	MP1224	GB	Laminar Sheet Heater	89900770.2	12/8/88	0397685	3/13/96
	NC007	GB	Apparatus And Method For Uniformly Irradiating A Strand	94909735.6	2/25/94	0686080	10/7/98
	SG002	GB	Heat Shrinkable Wrap Around Closure	7907659	3/5/79	2019112	5/18/82
	MP0790	GB	Thermoweave				
	MP0790	GB	Thermoweave				
	MP0790	GB	Thermoweave				
	00-001	GB	Shielding device for terminal blocks	00126936.4	12/8/00	1117158	2/13/08
	00-002	GB	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-003	GB	Electrical Back Box	0007107.6	3/23/00		
	00-012	GB	Assembly and method for use in terminating an optical fiber or fibers	0014308.1	6/12/00		
	00-012	GB	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-013	GB	Connection module	01117086.7	7/13/01		
	00-017	GB	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05
	00-019	GB	Optical Fibre Connection Housing	0023667.9	9/27/00	2367379	8/25/04
	00-020	GB	Distribution cabinet	01919316.8-2214	2/20/01		
	01-001	GB	Field Terminator MTRJ Plug	0102284.7	1/29/01		
	02-003	GB	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	02-004	GB	Device for an optical-fiber connection	03727357.0-1234	4/25/03	1502142	6/28/06
	03-001	GB	Distribution frame with access for testing	04712500.0-2414	2/19/04	1602225	10/17/07
	03-003	GB	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-004	GB	Glass-fiber coupler module	04723539.5	3/26/04	1613993	12/5/07
	03-005	GB	Conductor connection module for printed circuit boards	04740236.7-2214	6/24/04	1649549	11/2/06
	03-006	GB	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-013	GB	Construction kit for distribution cabinets	04006018.8	3/12/04	1458073	1/3/07

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	04-004	GB	Connection module for telecommunications and data technology	05776552.1	8/30/05	1787481	5/27/09
	04-012	GB	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	GB	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-010	GB	Protective plug for distribution frame devices for telecommunications and data technology	06754344.7	6/13/06	1894281	9/14/11
	05-011	GB	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	GB	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	18138	GB	Sealed Electrical Connector Having Internal Latching Mechanism Therefor	0619213.2	3/15/05	2435746	9/24/08
	4935	GB	MODULAR TELEPHONE PLUG	8313136	5/12/83	2122819	6/5/85
	61007	GB	COMMON MEDIUM TIME DIVISION MULTIPLEX RING USING LOCAL LOGIC	86309379.5	12/2/86	230116	4/24/91
	61019	GB	METHOD AND APPARATUS FOR TESTING FIBER OPTIC HUBS	88309579.6	10/13/88	315331	3/18/92
	77-002	GB		7808755	3/6/78	1594534	7/30/81
	77-122	GB	LSA-Plus Module	7822390	5/25/78	1596347	10/28/81
	78-123	GB	Connection module	7903050	1/29/79	2013423	12/8/82
	78-124	GB		7909041	3/14/79	2017428	9/2/82
	78-125	GB		7909962	3/21/79	2019129	10/27/82
	78-126	GB		7913262	4/17/79	2021332	3/16/83
	80-008	GB		8113077	4/28/81	2077522	3/14/84
	80-012	GB	A tool for electrically connecting insulated wires	8110969	4/8/81	2075903	11/23/83
	80-128	GB	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	8106009	2/25/81	2074396	5/16/84
	80-129	GB	A twin contact terminal element	8108170	3/16/81	2078450	3/13/85
	80-130	GB	Universal connector for a solderless, screwless and stripless system for testing, connecting and isolating conductor tracks	8116780	6/2/81	2080636	6/26/85
	80-131	GB	A connector device for testing a cable wire relative to all other cable wires within a contact element	8116782	6/2/81	2083294	9/12/84
	80-132	GB	A self supporting terminal element	8106964	3/5/81	2092838	6/19/85
	81-133	GB		8119126	6/22/81	2096414	5/1/85

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	81-135	GB	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	8225552	9/8/82	2106727	11/27/85
	82-030	GB	Modular plug connector	8236699	12/23/82	2115237	5/8/86
	83-040	GB	A terminal strip	84102700.6	3/13/84	0124721	9/10/86
	83-140	GB	A cable distribution head	8403223	2/7/84	2135531	8/20/86
	83-142	GB	A heat protection device for over-voltage arrester magazines	8414833	6/11/84	2142779	3/18/87
	83-143	GB		8328402	10/24/83	2131246	4/3/86
	83-145	GB	Optical main distributor	8331973	11/30/83	2132441	4/3/86
	84-016	GB	Multipolar plug	85730151.9	11/8/85	0189730	12/27/89
	84-147	GB	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	8422978	9/12/84	2158299	9/12/84
	85-003	GB		86730087.3	5/22/86	0210945	6/14/89
	86-019	GB	Connector bank for cable wires, in particular for telephone cables	87730032.7	4/3/87	0244347	8/21/91
	86-064	GB	A casing, particulary a junction-box casing for telecommunications engineering	87730050.9	5/8/87	0253756	11/18/93
	86-066	GB	Cutting/clamping terminal element for electrical conductors	87730117.6	9/30/87	0267145	8/12/92
	86-068	GB		87730118.4	9/30/87	0270479	5/6/92
	86-069	GB	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	87730134	10/27/87	0270480	4/13/94
	86-069	GB	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	93112523.1	8/5/93		
	86-156	GB		87730030.1	3/21/87	0243296	12/27/90
	87-003	GB		88730042.4	2/24/88		
	87-075	GB	Connector bank for telecommunication devices	88730118.2	5/17/88	0302814	2/16/94
	87-077	GB	Device for holding connector banks in telecommunication systems	88730116.6	5/13/88	0304393	1/12/94
	87-078	GB	Connection device for telecommunications	88112582.7	8/3/88	0308635	11/11/92
	87-166	GB	Terminal unit for cable pairs in Telecommunication systems	88730114.1	5/11/88	0296095	3/24/93

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	88-006	GB		88730074.7	3/24/88	0288418	7/22/92
	88-086	GB	Tool for connecting cable wires	88730250.3	11/12/88	0329917	11/19/92
	88-087	GB		88117463.5	10/20/88	0328738	
	88-088	GB	Protective plug for connector or disconnector banks	89100535.7	1/13/89	0338187	12/29/93
	88-091	GB	Receiving pre-amplifier for an optical telecommunication line	89730043.0	2/22/89	0344091	11/3/93
	88-092	GB		88113259.1	8/13/88	0312729	8/13/88
	88-095	GB	Contact member of electrical conductors	89730120.6	5/11/89	0360727	10/12/94
	88-097	GB	Connection device for switchung or disconnection line paths in telephone exchanges	89115536.8	8/23/89	0365780	4/26/95
	88-098	GB	Plug connector for telecommunication and data systems	89730204.8	8/23/89	0373096	9/8/93
	88-100	GB	Electro-optical planar display, in particular an LCD display panel	89730208.9	10/14/89	0374085	9/15/93
	88-159	GB	Connecting element for optical waveguides	88112078.6	7/27/88	0309677	12/15/93
	89-005	GB	Protection plug for connector banks of telecommunication and data systems	90101057.9	1/19/90	0388585	12/21/94
	89-006	GB	Connector banks with voltage surge protection	90250072.7	3/16/90	0399628	6/7/95
	89-008	GB		90111280.5	6/15/90		
	89-010	GB	Wire connector for cable wires, in particular of telecommunication cables	90115668.7	8/16/90	0428832	1/12/94
	89-101	GB	Plug connector	90250004.0	1/4/90		
	89-102	GB	Shield connecting element for a connector bank	90250003.2	1/4/90	03823322	10/6/93
	89-192	GB	Electrical Connector	9005283.8	3/9/90	2242080	12/21/94
	89-192	GB	Electrical Connector	90122815.5	11/29/90	0445376	4/19/95
	90-002	GB	Voltage limiter	90122922.9	11/30/90	0440905	8/30/95
	90-006	GB	Connecting block for the telecommunication and data technology	91100348.1	1/12/91	0446572	1/11/95
	90-008	GB		91102642.5	2/22/91	0447834	
	90-009	GB	Device for displaying announcements, in particular prices in numerical form	91103873.5	3/14/91	0451528	9/8/93
	90-011	GB	Terminal block for telecommunications systems	91103990.7	3/15/91	0456987	5/6/93
	90-012	GB	Cutting Clamping Contact	91106635.5	4/25/91	0459144	5/24/95
	90-015	GB	Protective circuit and protective device plug for telecommunication installations	91110018.8	6/19/91	0471167	5/25/94

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-021	GB		91115168.6	9/7/91	0484654	12/5/91
	91-001	GB		91119994.1	11/23/91		
	91-005	GB			2/20/92		
	91-010	GB		92108267.3	5/15/92		
	91-011	GB	Insulation displacement contact terminal	92111624.0	7/9/92	0525457	3/6/96
	91-013	GB	Terminal bank for the telecommunication and data technology	92111854.3	9/9/92	0529267	6/16/99
	91-014	GB	Cutting and clamping sleeve contact	92111972.3	7/14/92	0531664	1/31/96
	91-022	GB	Switching assembly for glass fibre cables of the telecommunication and data technology	92113177.7	8/3/92	0536496	2/11/98
	91-029	GB		92109367.0	6/3/92	0528125	9/7/94
	92-001	GB			9/9/92		
	92-003	GB	Distribution Rack	9227006.5	12/24/92	2264197	8/16/95
	92-004	GB	Case, in particular cable branching case	92120714.8	12/4/92		
	92-006	GB	Cutting and clamping Terminal Element	93101539.0	2/2/93	0558937	1/3/96
	92-009	GB		93102811.2	2/24/93		
	92-010	GB			3/3/93		
	92-014	GB	Split flap display device	93110150.5	6/25/93	0583577	1/3/96
	92-015	GB	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	93112697.3	8/7/93		
	92-019	GB	Method for elctronically labelling articel	93250311.3	11/10/93		
	92-021	GB		93115054.4	9/18/93	0601290	6/4/97
	92-022	GB	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	93114996.7	9/17/93	0601289	11/27/96
	92-024	GB	Signal-connector with capacitive adjustment for improved crosstalk parameters	9224024.1	11/16/92	2273397B	1/29/97
	92-024	GB	Signal-connector with capacitive adjustment for improved crosstalk parameters	93113952.1	9/1/93	0598192	1/8/97
	92-025	GB	Method and arrangement for optically representing information	93114019.8	9/2/93		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-026	GB	Method and arrangement for establishing networks of electro-optical display-field modules	93116523.7	10/13/93		
	93-006	GB		931119488.0	12/3/93		
	93-008	GB	Termination device for the communication and data technique	93119249.6	11/30/93		
	93-009	GB	Distribution device, in particular for the main distribution device of telephone and data lines	93119583.8	12/4/93	0618741	3/18/98
	93-015	GB	Cable branching device	94103854.9	3/14/94	0623832	5/27/98
	93-017	GB	Method for monitoring the filing levels of material of value collection containers	94105657.4	4/13/94		
	93-020	GB	Termination module	94105314.2-2214	4/6/94	0632527	1/20/99
	93-023	GB	Connection block for high speed transmission in the telecommunication and data system	94108404.8	6/1/94	0637097	9/2/98
	93-028	GB	Clamping Terminal unit	94112249.1	8/5/94	0643454	1/14/98
	93-030	GB	Terminal block	94113179.3	8/24/94	0645841	11/11/98
	93-032	GB	Electrical Plug Connector	94114414.9	9/14/94		
	93-033	GB		94114068.3	9/8/94		
	93-034	GB	Termination unit for telecommunication and data lines	94116632.4	10/21/94	0660458	2/13/02
	93-036	GB	Coupling device between a glass fibre and a dielectric waveguide	94117310.6	11/3/94		
	94-003	GB	Digital electronic Loop Crossconnect & Carrier System	94117980.6	11/25/94		
	94-005	GB	Separation spark gap for limiting the maximum voltage on a surge arrester	94118945.8	12/1/94	0665619	3/5/97
	94-006	GB	Winding cartridge	94108836.1	6/9/94		
	94-007	GB	Insulation displacement contact element	94117060.7	10/28/94	0665614	4/19/00
	94-009	GB		94119809.5	12/15/94	0667650	9/9/98
	94-012	GB	Obliquely disposed insulation displacement contact	95100738.4-2214	1/20/95	0675564	9/30/98
	94-015	GB	Housing for optical components	95102617.8	2/24/95	0679917	1/19/00
	94-018	GB	Automatic distribution device for telecommunication and data lines	95106047.4	4/22/95		
	94-019	GB	Distribution apparatus, particularly for the main distributor of telecommunications or data lines	95107287.5	5/13/95	0689365	1/24/01

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-021	GB	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95105067.3	4/5/95	0690539	7/7/99
	94-022	GB	Electrical Plug Connector	95106785.9	5/5/95	0693801	8/26/98
	94-025	GB	Printed Circuit Board for Connectors	95108378.1	6/1/95	0697804	2/9/00
	94-026	GB	Flip-over Display Module	95109294.9	6/16/95		
	94-027	GB	Manufacturing process for structured metal plating on surfaces	94113917.2	9/6/94	0643153	6/19/96
	94-031	GB	Protection plug	95109298.0	6/16/95	0706194	9/3/97
	94-032	GB	Terminal element	95109771.6	6/23/95	0706234	11/24/99
	94-035	GB	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	95111172.3	7/15/95		
	94-036	GB	Cable protection element	95106431.0	4/28/95		
	94-037	GB	19"Racking system	95106430.2-2207	4/28/95		
	94-039	GB	Charge detection in a telephone network	95943997.7	7/12/95		
	95-006	GB	Electrical Connectors	9508593.2	4/27/95	2300763B	8/18/99
	95-006	GB	Electrical Connectors	96105422.8	4/4/96		
	95-009	GB	Switching field	96112250.4-2302	7/30/96	0758792	10/17/01
	95-010	GB	Electrical Connector	96112491.4	8/2/96	0759648	3/26/03
	95-012	GB	Distribution device for telecommunications and data technique	96113135.6	8/16/96		
	95-013	GB	Termination device for the telecommunication and data technique	96114423.5-2209	9/10/96		
	95-016	GB	Terminal block for high transmission rates	96111904.7-2308	7/24/96	0766352	11/29/00
	95-017	GB	Connecting device for telecommunication and data technique	96110940.2-2308	7/6/96		
	95-019	GB	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96113454.1-2209	8/22/96		
	95-020	GB	Automatic re-arrangement and distribution device for telecommunication and data lines	96115100.8	9/29/96		
	95-022	GB	Main distribution frame MDF	96920705.9	6/26/96		
	96-001	GB	Electronic access control and security system	97101244.8	1/28/97		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-002	GB	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97101240.6	1/28/97	0797379	9/18/02
	96-005	GB	Management-capable splice cassette	97101253.9	1/28/97		
	96-006	GB	Earthing module	97104914.3-2308	3/22/97		
	96-007	GB	Termination tool	97104913.5-2308	3/22/97		
	96-011	GB	High density high performance connector	97108131.0	5/20/97		
	96-013	GB	Connecting terminal	97111592.8	7/9/97	0837525	11/8/00
	96-019	GB	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-021	GB	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	97118903.0	10/30/97	0849850	7/11/01
	97-002	GB	Outdoor housing	98102656.0	2/17/98	0863593	8/29/01
	97-003	GB	Protection Plug	98102655.2	2/17/98	0862197	6/9/99
	97-008	GB	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-011	GB	Cable fastening	98102653.7	2/17/98		
	97-012	GB	Distribution block for telecommunication and data technology	98103424.2	2/27/98		
	97-013	GB	Stationary housing with wall elements made of plastic	98103423.4	2/27/98		
	97-016	GB	Overvoltage protection module	98107492.5	4/24/98		
	97-017	GB	Safety Plug (Terminator)	98107586.4	4/25/98		
	97-018	GB	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-019	GB	Interface module	98107578.1	4/25/98		
	97-022	GB		98114148.4	7/29/98		
	97-023	GB	Method for designing a telecommunications and data network	98948732.7	8/6/98		
	97-025	GB	Casing	98117540.9	9/16/98		
	97-028	GB	Apparatus for connecting cable cores	98119013.5	10/8/98		
	97-030	GB	High Frequency Cable	9725987.3	12/8/97		
	97-030	GB	High Frequency Cable	98964444.8	11/27/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	97-031	GB	Electrical power outlet with IDC connections	98121647.6	11/12/98	0921611	6/4/03
	97-032	GB	Patch Panel with retractable patch cord	98123266.3	12/7/98		
	98-001	GB	Optical fibre connector	98960871.6	12/8/98		
	98-002	GB	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-004	GB	Casing	99101294.9	1/25/99	0938163	4/27/05
	98-005	GB	Clamping element for cable shielding	99104341.5	3/4/99	0944132	12/20/00
	98-010	GB	Electrical Connector	99107064.0	4/10/99	0952635	8/24/05
	98-012	GB	Network Interface Device	9809165.5	4/29/98		
	98-013	GB	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-017	GB	Security device for releasable electrical connector	9813428.1	6/22/98		
	98-022	GB	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-023	GB	Electrical Connector	99112489.2	7/1/99		
	98-024	GB	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	98-025	GB	Shielding device for connection strips in telecommunications and data engineering	99952571.0	10/14/99	1133814	6/19/02
	99-001	GB	Connection element for cable conductor	99121852.0	11/4/99	1018786	9/19/01
	99-002	GB	Surge arrester mounting unit for telecommunications and data systems equipment	99121037.8	10/21/99		
	99-004	GB	Overvoltage protection element	99125286.7	12/18/99		
	99-006	GB	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07
	99-007	GB	Connector element with closure device	00916921.0	3/10/00		
	99-007	GB	Connector element with closure device	9906189.7	3/17/99		
	99-009	GB	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-010	GB	Traction relief device for a wire	00110099.9	5/13/00		
	99-014	GB	Frontpanel for LWL-modules	00115726.2-2205	7/21/00		
	99-018	GB	Electrical Connector	00124720.4	11/13/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	99-018	GB	Electrical Connector	9929187.4	12/9/99		
	99-019	GB	Distribution cabinet	99121185.5	10/22/99	1047167	9/17/03
	AE490	GB	Liquid Resistant Contact System	98250379.9	10/28/98	924805	7/14/04
	E-TO-00029	GB	Modular Plug with Slider Latch	06825360.8	10/2/06	1932219	4/1/09
	E-TO-00036	GB	Enhanced Jack with Plug Engaging Printed Circuit Board	0613891.1	7/12/06	2428337	10/28/09
	E-TO-00159	GB	Low-Profile Cable	0900237.9	1/8/09	2456383	10/3/12
	JACK003	GB	AN EXPANSION SEAL FOR CABLE PIPE	9126223.8	12/10/91	2262392	2/28/96
	MP0122	GB	Wraparound Closure Sleeve	37069	8/6/71	1346479	1/1/74
	MP0196	GB	Method & Apparatus For Splicing Lines	40818/75	10/6/75	1491360	10/6/75
	MP0220	GB	Pressurized Splice Case	51230/76	12/8/76	1571895	9/24/80
	MP0241	GB	Splice Case With Multiple Cable Adapter	43936/77	10/21/77	1594818	10/28/81
	MP0245COM	GB	Method For Form Closure Using Ht Recover Sheet Material	52257/77	12/15/77	1597470	9/1/81
	MP0252	GB	Method Of Encapsulation	19811/78	5/16/78	1604905	1/17/82
	MP0252	GB	Method Of Encapsulation	8103559	5/16/78	1604906	2/17/82
	MP0268	GB	Heat Recoverable Articles And Their Uses	8209348	4/18/79	2100277	6/2/83
	MP0268	GB	Heat Recoverable Articles And Their Uses	7913449	4/18/79	2019669	1/12/83
	MP0268	GB	Heat Recoverable Articles And Their Uses	24966/78	5/31/78		
	MP0269	GB	Heat Recoverable Closure With Substrate Protective Means	7918068	5/24/79		
	MP0269	GB	Heat Recoverable Closure With Substrate Protective Means	24971/78	5/31/78	1604935	2/17/82
	MP0270	GB	Methods For Sealing Closure Members To Substrates	7928916	8/20/79	2028601	10/27/82
	MP0279COM	GB	Fiber Optic Waveguide Termination & Method Of Forming Same	7940138	11/20/79	2041558	2/9/83
	MP0283COM	GB	Rail-Less Wraparound And Fastener	7942134	12/6/79		
	MP0718COM	GB	Corrugated Ht Rec. Tape & Flexible Collar Tee	8117996	6/11/81	2077874B	3/7/84
	MP0757	GB	Air Vent Assembly	8203108	2/3/82	2093548B	8/1/84
	MP0766	GB	Fiber Optic Splicing	8212215	4/27/82	2100463	4/3/86
	MP0766	GB	Fiber Optic Splicing	8422682	4/27/82		
	MP0781COM	GB	Flat Sheet Closure & Method	8225681	9/9/82		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0798COM	GB	Fiber Optic Organizer	8300924	1/13/83	2113867B	2/19/86
	MP0799COM	GB	Paddlecard Terminator	8235012	12/8/82	2113134	1/15/86
	MP0820	GB	Method Of Transmitting UV Light By Optical Fiber	8312682	5/9/83		
	MP0838COM	GB	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	8519485	10/11/83		
	MP0838COM	GB	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	8327182	10/11/83	2133026B	2/4/87
	MP0838COM	GB	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	8520930	10/11/83	2168363B	1/21/87
	MP0839COM	GB	Optical Fiber Tap	8416145	10/24/83	2139379B	2/18/87
	MP0849	GB	Optical Fiber Adhesive Joint Tube - Release Agent	8403205	2/7/84	2135077B	12/3/86
	MP0850	GB	Optical Fiber Adhesive Joint Tube - Hourglass Shape	8403206	2/7/84	2136147B	1/21/87
	MP0855	GB	A Mechanical Coupling Assembly And Method Of Using Same	8429070	3/29/84	2146855B	12/10/86
	MP0871A	GB	Protective Article	86302209.1	3/25/86	0196219	7/22/92
	MP0874	GB	Tube Storage And Delivery Device	84306793.5	10/5/84	0145153	11/5/86
	MP0889	GB	Method And Apparatus For Determining Attenuation Across Optical Fiber Splice	84307314.9	10/24/84		
	MP0889	GB	Method And Apparatus For Determining Attenuation Across Optical Fiber Splice	8426892	10/24/84		
	MP0899	GB	Light Launch Detection & Splicing Devices For Loose Tube Buffered Optical Fiber	8501870	1/25/85	2153551	3/23/88
	MP0900	GB	Wraparound Article	84308644.8	12/12/84	0147130	8/7/91
	MP0995COM	GB	Optical Fiber Termination	85308204.8	11/12/85		
	MP0997	GB	Center Conductor Closure	85308790.6	12/3/85		
	MP1018	GB	Splice Case	86300045.1	1/6/86	0189240	3/28/90
	MP1019	GB	Liner For Making Pressurized Splice Closure	86300833.0	2/6/86	0194040	5/16/90
	MP1027	GB	Closure Including Gel-Filled End Seals	86300835.5	2/6/86	0191609	4/25/90
	MP1045	GB	Drop Wire Branch Article	86301678.8	3/10/86		
	MP1050	GB	Packaged Gel Article	8514760	6/11/85		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1064	GB	Optical Fiber Distribution Network	8616995	7/11/86	2177815	2/21/90
	MP1070	GB	Cable Blocking & Block Splice Protection	8519393	8/1/85		
	MP1077	GB	Determining Splice Attenuation	86305112.4	7/1/86		
	MP1078	GB	Corrosion Protection Apparatus	86306401.0	8/19/86	0213874	11/19/92
	MP1085	GB	Compression Pressure Indicator	86307415.9	9/26/86		
	MP1092	GB	Optical Fiber Contact And Connector	86309060.1	11/19/86	0223609	2/16/94
	MP1093	GB	Optical Fiber Connector	86309059.3	11/19/86	0223608	11/11/92
	MP1097	GB	Apparatus For Relieving A Load Across A Cable Repair Region	86308773.0	11/11/86	0222616	8/26/92
	MP1111	GB	Insulation Displacement Connector For High Axial Strength	87304130.5	5/8/87		
	MP1112	GB	Universal End Plate-Gel Seal	87301044.1	2/5/87		
	MP1125	GB	Optical Fiber Termination Using An Elastic Convex Dam	87304031.5	5/6/87	0245087	7/29/92
	MP1129	GB	Splice Closure System	87903804.0	5/29/87	0269697	7/15/92
	MP1135	GB	Protection Of Cable Splices	8619271	8/7/86		
	MP1140COM	GB	Strained Distributed Optical Fiber Communication System	87307394.4	8/21/87	0257999	4/28/93
	MP1155	GB	Coaxial Connector Moisture Seal	87309383.5	10/23/87	0265276	8/18/93
	MP1177	GB	Optical Fiber Tap Utilizing Reflector	88301189.2	2/12/88	0278775	9/13/95
	MP1184	GB	Alignment And Location Sleeve For Fiber Optic Contacts	88904743.7	3/21/88		
	MP1206COM	GB	Terminal Block	88306146.7	7/6/88	0298713	2/9/94
	MP1210	GB	Annealing Bent Optical Fiber	88306933.8	7/27/88		
	MP1223	GB	Rotary Closure And Grommet	89901178.7	12/8/88		
	MP1238	GB	Telephone Junction Box And Switch Therefor	89902881.5	2/8/89	0408582	4/19/95
	MP1239COM	GB	Telecommunication Terminal Block Or Adapter	89903328.6	3/4/89	0403531	1/24/96
	MP1240	GB	Telecommunications Terminal Block	89902605.8	2/17/89	0402374	1/25/95
	MP1243	GB	Cable Sealing Apparatus	89904715.3	4/4/89		
	MP1254	GB	Optical Fiber Jaw Connector	89905535.4	4/4/89		
	MP1258	GB	Splice Case	89905534.7	4/26/89	0414756	7/27/94

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1260	GB	Optical Fiber Termination Coating Dispenser				
	MP1273	GB	Method Of Cable Sealing	89910480.6	9/8/89	0433368	7/20/94
	MP1275	GB	Rotary Connection Strain Relief On Terminal Block	89911333.6	9/19/89		
	MP1286	GB	Coaxial Cable Connector	90908826.2	5/15/90	0472644	7/30/97
	MP1293	GB	E-Z-On Connectors	90909963.2	6/8/90	0476056	9/6/95
	MP1340	GB	Optical Bypass Switch	91904351.3	12/20/90	0505506	8/28/96
	MP1345COM	GB	Binding Post For Wide Tolerance Caps	90915250.6	9/21/90		
	MP1345COM	GB	Binding Post For Wide Tolerance Caps	8921316.9	9/21/89		
	MP1351	GB	Cable Television Connection System	90312384.2	11/13/90		
	MP1374A	GB	Alarm And Test System For A Digital Added Mail Line	97200093.9	8/1/91	0771052	10/14/98
	MP1374A	GB	Alarm And Test System For A Digital Added Mail Line	95201384.5	8/1/91	0682435	1/13/99
	MP1374A	GB	Alarm And Test System For A Digital Added Mail Line	91914225.7	8/1/91	0547067	12/20/95
	MP1374B	GB	Gel Filled Electrical Connector	93900806.6	12/3/92	0615662	3/4/98
	MP1374C	GB	Gel Filled Modular Electrical Connecting Block	94906610.4	1/12/94	0680666	6/9/99
	MP1374C	GB	Gel Filled Modular Electrical Connecting Block	98203335.9	1/12/94	0892467	4/16/03
	MP1391	GB	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	91918523.1	10/3/91	0552244	12/20/95
	MP1403	GB	Ez Twist Consumer Type Connectors	92908712.0	3/20/92		
	MP1404	GB	Hermaphroditic Gel Closure	92908708.8	3/13/92		
	MP1412	GB	Hinged Gel-Filled Security And Environmental Protection Device	92913286.8	6/8/92	0587748	4/23/97
	NC003	GB	Cable Seal	92911309.0	5/1/92	0582652	7/30/97
	NC004	GB	Telecommunications Terminal Block	92922043.2	10/2/92	0685119	1/20/99
	NC012	GB	Fiber Optic Splice Closure	94902329.5	11/20/93	0671021	2/13/02
	NC022	GB	Improved Idc Having Wire Slippage Control	97937300.8	8/14/97	0919073	10/31/01
	NC044	GB	Fiber Optic Splice Closure Including Side Pivoting Slack Storage Holder And Associated Methods	99971929.7	11/12/99	1137962	1/14/04

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC047	GB	Bulbous Configured Fiber Optic Splice Closure And Associated Method	00935820.1	3/29/00	1175634	2/19/03
	U004	GB	Splice Case Pressure Indicates Hermetic Seal	35338/75	8/27/75		
	U006	GB	Splice Case Pressure Indicates Hermetic Seal	45222/75	10/31/75		
	VPC-017	GB	Printed Circuit for Modular Plug	99204290.3	12/13/99	1014513	5/31/06
	VPC-021	GB	Modular Plug Having Improved Crosstalk Characteristics	99204490.9	12/22/99	1017138	2/23/05
02316.3882GBEP	E-TO-00009	GB	Electrical Connector with Crosstalk Compensation	05849935.1	12/16/05	1829168	5/14/08
02316.3883GBEP	E-TO-00028	GB	Duplex Plug Adapter Module	06769906.6	4/27/06	1875288	12/10/08
02316.3884GBEP	E-TO-00049	GB	Electrical Connector Adaptor with Strain Relief	06825295.6	10/2/06	1949507	4/1/09
02316.3887EPWO	E-TO-00088	GB	Receptacle with Crosstalk Optimizing Contact Array	07752799.2	3/9/07	1997195	5/6/15
02316.3888GBWO	E-TO-00089	GB	Electrical Connector Having Staggered Contacts	0822895.9	5/15/07	2452002	3/9/11
02316.3904GBEP	18147	GB	INTERFACE ADAPTER MODULE	05730108.7	4/26/05	1754288	4/2/08
02316.3915GBEP	E-TO-00205	GB	Electrical Connector With a Compliant Cable Strain Relief Element	09767072.3	6/18/09	2308138	8/7/13
02316.3918GBEP	E-TO-00223	GB	Cassette for Use Within a Connectivity Management System	10709590.3	2/24/10	2401792	4/9/14
2316.1006/01		GB	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	00902294.8	1/3/00	1142348	10/24/07
2316.1011/I2		GB	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	00939275.4	2/16/00	1 166 161	11/26/03
2316.1011/I4		GB	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	00964881.7	5/25/00	1185897	12/13/06
2316.1066/I1		GB	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	01964308.9	8/22/01	1368685	10/6/10
2316.1687/I1		GB	COUPLER FOR CABLE TROUGH	03745587.0	3/21/03	1490937	5/5/10
2316.1834/I1		GB	PATCH PANEL WITH MODULES	05724516.9	3/2/05	1733568	12/1/10
2316.1904/01		GB	CROSS-CONNECT SYSTEM	94927163.9	8/23/94	0715773	5/24/00
2316.2295/I1		GB	SYSTEMS AND METHODS FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT	08000126.6	1/4/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2295/I1		GB	FRAME FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT AND ASSOCIATE METHODS	10180636.2	11/17/04	2264499	3/19/14
2316.2295/I1		GB	FRAME FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT AND ASSOCIATE METHODS	10180735.2	11/17/04	2264501	7/25/12
2316.2336/P1		GB	FIBER DISTRIBUTION HUB WITH OUTSIDE ACCESSIBLE GROUNDING TERMINALS	07750166.6	2/7/07	1987385	12/7/11
2316.2584/P2		GB	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	08837186.9	8/5/08	2176696	4/23/14
2316.2584/P4		GB	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	08799151.9	9/4/08	2185962	8/22/12
5487.225.WO	E-TO-00027	GB	Optical Fiber Repair Apparatus with Adjustable Guide Member and Methods for Using the Same	06740128.1	3/30/06	1872164	5/5/10
5487.241.WO	E-TO-00086	GB	Optical Fiber Clips, Random Access Management Systems Including Clips and Methods for Using the Same	06826501.6	10/23/06	1949162	1/11/12
TYCEO/P32112EP	NC059	GB	Low Profile Optical Fibre Network Interface Enclosure	01204160.4	10/30/01	1203974	2/1/06
16999		GB	MODULAR PLUG HAVING COMPENSATING INSERT	9825401.4	11/19/98	2331873	9/12/01
40758		GB	CONNECTOR CABLING TERMIINATOR	9826150.6	11/27/98	2335316	5/15/02
16012		GB	DIVERGENT LOAD BAR	95932408.8	9/8/95	789939	6/23/99
16121		GB	WIRE CONNECTING SYSTEM	96911575.7	4/4/96	826251	1/5/00
16194		GB	PATCH CARD ASSEMBLY	96922598.6	6/27/96	835535	12/29/99
16120		GB	MODULAR JACK SUBASSEMBLY FOR USE IN A NETWORK OUTLET	96932137.1	8/5/96	842554	5/12/99
16196		GB	WIRE STUFFER CAP/STRAIN RELIEF FOR COMMUNICATION NETWORK OUTLET	96935940.5	9/25/96	852825	5/12/99
40484		GB	TWISTED PAIR CABLE AND CONNECTOR ASSEMBLY	97102403.9	2/14/97	793305	9/11/02
16463		GB	NON-OHMIC ENERGY COUPLING FOR CROSSTALK REDUCTION	97906720.4	2/26/97	883977	11/8/00
16446		GB	PATCH PANEL HAVING SNAP TOGETHER CONSTRUCTION	97927680.5	5/21/97	1012917	7/31/02
17123		GB	MULTIPLE FIBER SPLICE ELEMENT AND CONNECTOR	98309263.6	11/12/98	916974	3/22/06
40758		GB	CONNECTOR CABLING TERMIINATOR	99100687.5	1/15/99	1020964	10/12/05
17243		GB	MODULAR PLUG HAVING A CIRCUIT BOARD	99305018.6	6/25/99	971444	8/13/08
17153		GB	MULTI CHANNEL FIBER OPTIC CONNECTOR WITH SINGLE ATTACHED LATCH	99917616.7	4/16/99	1073923	11/3/04
61015		GB	RF MODEM WITH IMPROVED BINARY TRANSVERSAL FILTER	87309417.1	10/26/87	269253	5/6/92
61021		GB	PACKET NETWORK TIMING ANALYZER	89312929.6	12/11/89	375243	8/24/94
13621		GB	LOCAL AREA NETWORK INTERFACE	94201481.2	5/25/94	614248	11/20/96
13621		GB	LOCAL AREA NETWORK INTERFACE	94201482.0	6/11/87	614249	11/20/96
13621		GB	LOCAL AREA NETWORK INTERFACE	87904196.0	6/11/87	274487	1/11/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
14000		GB	LAN COMMUNICATION SYSTEM AND MEDIUM ADAPTER FOR USE THEREWITH-Communication	88903570.5	3/21/88	307461	7/14/93
14035		GB	MODULAR PLUG COUPLER	88310105.7	10/27/88	319138	8/11/93
14305		GB	CYLINDRICAL INSULATION DISPLACING CONNECTOR	89305747.1	6/7/89	0348066	4/6/94
14305		GB	Insulation Barrel Displacing Terminal	9016196.9	7/24/90	2235833	1/26/94
14494		GB	ACCESS FLOORING MODULE	90307221.3	7/2/90	410588	3/20/96
14494		GB	ACCESS FLOORING MODULE	94203547.8	12/6/94	648001	10/8/97
14527		GB	POWER DISTRIBUTION SYSTEM FOR MODULAR FURNITURE UNITS	90115172.0	8/7/90	413242	3/27/96
14528		GB	PLUG-IN OUTLET UNIT FOR MODULAR FURNITURE POWER DISTRIBUTION SYSTEM	90115170.4	8/7/90	413241	3/22/95
14655		GB	LOCAL AREA NETWORK INTERFACE	9100899.5	1/16/91	2240672	12/14/94
14655		GB	LOCAL AREA NETWORK INTERFACE	9407699.9	4/19/94	2276284	12/21/94
14764		GB	INSULATION DISPLACING BARREL TERMINAL	92921641.4	10/7/92	560971	2/26/97
15143		GB	CIRCUIT WIRING DEVICE	92311831.9	12/29/92	551768	6/26/96
15185		GB	TRUNK CABLE FAULT DETECTION AND RECONFIGURATION ARRANGEMENT		7/20/92		
15239		GB	TELEPHONE JUNCTION ENCLOSURE AND SYSTEM FOR SEALING A WIRE OPENING ARRAY	93300810.4	2/4/93	556979	4/24/96
15263		GB	CABLE STRAIN RELIEF FOR A SHIELDED ELECTRICAL CONNECTOR	93107592.3	5/10/93	569918	8/28/96
15396		GB	IMPROVED SHIELDED ELECTRICAL CONNECTOR	93306228.3	8/6/93	587303	10/21/98
15396		GB	IMPROVED SHIELDED ELECTRICAL CONNECTOR	98201173.6	8/6/93	865113	5/22/02
15526		GB	COMMUNICATIONS CONNECTOR TERMINAL ARRAYS HAVING NOISE CANCELLING CAPABILITIES	94110605.6	7/7/94	633632	4/5/00
15544		GB	OVERMOLD STRAIN RELIEF AND SNAG PREVENTION FEATURE	95926273.4	7/14/95	782774	4/22/98
15618		GB	ELECTRICAL CONNECTOR WITH SLOTTED BEAM CONTACT	94309378.1	12/15/94	664575	4/14/99
15626		GB	SPLICE TRAY RACK AND CABINET FOR FIBER OPTIC CABLES	94301842.4	3/15/94	620462	7/21/99
15696		GB	INTERCONNECT ASSEMBLY FOR OPTICAL FIBER PLUGS	94114744.9	9/19/94	647865	7/29/98
15700		GB	NETWORK INTERFACE DEVICE MODULE PROVIDING SEALED CUSTOMER ACCESSIBLE TEST PORT	95911703.7	2/13/95	750823	10/6/99
15736		GB	ENCLOSURE WITH SEALANT FOR SPLICED COAXIAL CABLE	94119438.3	12/8/94	657980	4/28/99
15926		GB	OVERMOLDED FIBER OPTIC CONNECTOR FERRULE CAPILLARY HAVING OCTAGONAL COLLAR	96910362.1	2/29/96	815478	6/9/99
16469		GB	OPTICAL FIBER CONNECTOR	9907431.2	10/2/97	2333164	3/21/01

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
16679		GB	ELECTRICAL CONNECTOR WITH PAIRED TERMINALS	97944460.1	9/25/97	928505	9/4/02
16980		GB	HOUSING FOR OPTICAL FIBRES	9418571.7	3/24/93	2281408	11/22/95
17324		GB	TERMINATING WIRE CARRIER MODULE	99305070.7	6/28/99	969553	3/26/08
40057		GB	SHIELDED DATA CONNECTOR	93301280.9	2/22/93	558250	4/16/97
40057		GB	SHIELDED DATA CONNECTOR	9203890.0	2/24/92		
40057		GB	SHIELDED DATA CONNECTOR	96202067.3	2/22/93	744791	7/26/00
40108		GB	DATA COMMUNICATION OUTLET KIT	1993/0008850	4/29/93		
40108		GB	DATA COMMUNICATION OUTLET KIT	94106690.4	4/28/94	622868	3/15/00
40109		GB	HIGH FREQUENCY CABLE CONNECTOR	9306399.8	3/26/93		
40113		GB	SUBSCRIBER INTERFACE BOX	94305022.9	7/7/94	637176	12/18/02
40174		GB	PATCH PANEL IDC CONNECTOR	94309670.1	12/22/94	669676	4/7/99
40253		GB	GROUNDING CLAMP FOR SHIELDED TELEPHONE CABLE	9422942.4	11/14/94		
40256		GB	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	95118433.2	11/23/95	716477	8/22/01
40256		GB	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	9424493.6	12/5/94		
40347		GB	MODULAR PLUG FOR HIGH SPPED DATA TRANSMISSION	9506868.0	4/3/95		
40363		GB	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	9509886.9	5/16/95		
40363		GB	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	96911092.3	5/14/96	0826253	7/7/99
40377		GB	WIRE CUTTING ELECTRICAL CONNECTOR HAVING TEST PROBE ACCESS	96913662.1	5/22/96	829114	3/17/99
40377		GB	WIRE CUTTING ELECTRICAL CONNECTOR HAVING TEST PROBE ACCESS	9510886.6	5/30/95		
40415		GB	LOW PROFILE COMMUNICATIONS OUTLET	9620538.0	10/2/96		
40427		GB	SEALED SPLICING CONNECTOR	9520459.0	10/6/95		
40484		GB	TWISTED PAIR CABLE AND CONNECTOR ASSEMBLY	9603751.0	2/22/96		
40581		GB	SPLICE HEAD FOR TELECOMMUNICATIONS CONNECTORS	9622651.9	10/31/96		
40581		GB	SPLICE HEAD FOR TELECOMMUNICATIONS CONNECTORS	9909426.0	10/28/97	2334465	5/24/00
40639		GB	Capacitance Coupled Cross-Talk Suppressing Communications Connector	9813772.2	6/25/98		
40639		GB	CAPACITANCE COUPLED CROSS-TALK SUPPRESSING COMMUNICATIONS CO NNECTOR	9713849.9	6/30/97		
40656		GB	HOLDER BAR FOR SPLICE HEAD	9811529.8	5/28/98	2328563	8/1/01
40702		GB	DATA TRANSMISSION METHOD	9814521.2	7/3/98		
40758		GB	CONNECTOR CABLING TERMIINATOR	9725315.7	11/28/97		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
40825		GB	ELECTRICAL SPLICING CONNECTOR FOR FLUORESCENT CABLE	9912311.9	5/26/99	2342234	3/27/02
40847		GB	SPLICING CONNECTOR	9917435.1	7/23/99	2342790	9/18/02
4935		GB	MODULAR TELEPHONE PLUG	8215405	5/26/82		
68016		GB	FIBER OPTIC ATTENUATOR	93907355.7	3/8/93		
8413		GB	ELECTRICAL TERMINALS FOR FLAT TWO-CONDUCTOR LEAD IN WIRE	74/38233	9/2/74	1478871	11/2/77
G006		GB	Xaga Splice Closure	41860/72	9/8/72		
G037		GB	Raincoat Splice Closure Using Gel	8421356	8/22/84		
G065		GB	Branch Off Seal For Catv Box Cover	8820225.4	8/25/88		
G066		GB	Field Settable Attenuation For Catv Box	8902092.9	1/31/89		
WR006		GB	Crimp Connector	7144563	9/24/71	1357408B	6/19/74
WR011		GB	Cable Sheath Cutter	7430089	7/8/74	1435231B	5/12/76
WR014COM		GB	Cable Joint Assembly	29489/76	7/15/76	1487822B	2/1/78
WR017		GB	Wraparound-Rails With Helical Stitching	7731955	7/29/77	1535696B	12/13/78
WR018		GB	Cable Joinder Assembly-Sleeve Heads Wholly Inside-Out	7742851	10/14/77	1545128B	5/2/79
WR019		GB	Cable Sleve Assembly-Wraparound Sleeve Heads	7820739	5/19/78	1591565B	6/24/81
WR020		GB	Rail And Channel - Rails By Sleeve Around Slottes Edge Clamps	8174477	5/3/78	1572327B	11/5/80
WR021		GB	Cardboard Liner	7818642	5/10/78	1586388B	3/18/81
WR022		GB	Wraparound As Wr020 But Edge Clamps Segmented	7906283	2/22/79	2019123B	1/12/83
WR024COM		GB	Inside Out Omega Wraparound	8008146	3/11/80		
WR030		GB	Pull-Wire	8129541	9/30/81		
WR031		GB	Catv Box ; Moulded Parts	81105584	7/16/81		
WR035		GB	Cable Marker Plate	82103744	5/3/82		
WR038		GB	Axially Shrinkable Socket For Radi Base	8216635	6/8/82	2100940B	1/30/85
WR045		GB	Inside-Out Moulded End Part	82105976.3	7/5/82	0080016	6/12/85
WR050		GB	Temporary End Cap For Coax Cable	8301701	1/21/83	2118379B	4/11/85
WR061		GB	Feedthrough	84100404	1/17/84		
WR069		GB	Butt Design Catv Box - One Closure Cap With Separate Hs Sleeves	8522320	9/9/85	2164806B	4/27/88
WR073		GB	Device For Splicing Wires	85110494.3	8/21/85		
WR074COM		GB	Branch-Out X-Filling Piece In Sleeve End	85116244.6	12/19/85	0188777	3/15/89
WR082		GB	S.C.O.P. With Pattern Of Recesses	86304520.9	6/12/86	0209245	6/5/91
WR090		GB	Fiber Optic Organizer	86110361.2	7/26/86	0216073	9/20/89
WR102		GB	Heat Shrink Radi With Removable Outlets	87301936.8	3/5/87	0236141	11/11/92
WR103		GB		87304348.3	5/15/87		
WR118		GB	Cable Cutting Tool	89105061	3/21/89	0338273	6/3/92
WR119		GB	High Frequency Shielded Connection For Coax Cable	89110438.2	6/9/89		
WR120		GB	Multi-Outlet Box For Cables	89111573.5	6/24/89		
WR129		GB	Device For Sealing Unoccupied Cable Conduits	89104239.2	3/10/89	0386299	8/3/94
WR133		GB	Electrical Plug Connector	90110859.7	6/8/90		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR136		GB	Cable Splice				
WR137		GB	Connection To Terminal Plate. Similarity To D. Terminator	9026249.4	12/3/90		
WR137		GB	Connection To Terminal Plate. Similarity To D. Terminator	91907679.4	4/12/91		
WR138		GB	Coax Cable Adaptor For Irregular French Cables	9015464.2	7/13/90		
WR140		GB	Mechanical Radi Seal	91916615.7	9/12/91	0548203	8/21/96
WR142		GB		91920407.3	11/27/91		
WR144		GB		92106836.7	4/22/92		
WR145		GB	Fibre Optic Housing With Consumer Tap And Lead To Next Consumer I Same Housing.	92109429.8	6/4/92	0531628	9/25/96
WR147		GB	Modified Ezam Cable Duct Seal For Vault Closure	9201557.7	1/24/92		
WR148		GB	Hand Operated Multiple Wire Connector With Guide Slots	9226446.4	12/18/92		
WR156		GB	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	93919538.4	9/14/93		
WR156		GB	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	9219449.7	9/14/92		
WR157		GB	Upside Down Avx In Uetic	9310638.3	5/21/93		
WR160		GB	Catv Splitter With Variable Attenuation	94903960.6	1/6/94	0678221	6/4/97
WR161		GB	Uteic With Stack Of Trays	94919754.5	7/4/94	0707714	10/15/97
WR161		GB	Uteic With Stack Of Trays	9314161.2	7/8/93		
WR162		GB	Uteic With Translational Movement Hinge	9314091.1	7/8/93		
WR163		GB	Uteic With Dust Flap	94919793.3	7/8/94		
WR163		GB	Uteic With Dust Flap	9314090.3	7/8/93		
WR164		GB	Uteic Cable Gripper With Self-Centring	9314160.4	7/8/93		
WR164		GB	Uteic Cable Gripper With Self-Centring	94902984.7	1/6/94		
WR165		GB	Catv Box For In-Line/Butt Connection	94924359.6	8/23/94	0715776	10/14/98
WR165		GB	Catv Box For In-Line/Butt Connection	9317837.4	8/27/93		
WR166		GB	Shaped Silicone Rubber Seal For Uteic Closure	9317871.3	8/27/93		
WR166		GB	Shaped Silicone Rubber Seal For Uteic Closure	94924915.5	8/23/94		
WR168		GB		94931106.2	10/27/94		
WR171		GB	Catv Tap With Switch	9419891.8	10/3/94		
WR172		GB	Catv Tap With Power Tap-Off	9419881.9	10/3/94		
WR172		GB	Catv Tap With Power Tap-Off	95932823.8	9/26/95		
2316.1868		GC	HIGH DENSITY COAXIAL SWITCHING JACK	GCC/P/2006/6103	4/15/06		
	98-024	GD	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	MP1492	GE	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	002556	4/6/95		
	98-024	GE	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	96-020	GH	Terminal, isolating or connecting strip	AP/P/98/01188	12/8/97	AP1030	12/31/01

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-024	GH	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-024	GM	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
100.0937		GR	Distribution of radio-frequency signals through low bandwidth infrastructures	97922450.8	4/18/97	0 894 369	2/18/04
100.0972		GR	Cellular base station with intelligent call routing	96913256.2	4/29/96	3036845	7/11/01
2316.0095		GR	JACK DEVICE	86309708.5	12/12/86	3,016,098	2/22/95
2316.0113		GR	TERMINAL ASSEMBLY	87101289.4	1/30/87	0 233 527	11/13/91
2316.0172		GR	OPTICAL SWITCH	890100295	5/4/89	1,000,681	6/16/92
2316.0786		GR	FIBER CONNECTOR AND ADAPTER	03004353.3	5/14/98	1331496	1/4/06
2316.0974		GR	FIBER OPTIC CABINET AND TRAY	99943934.2	8/25/99	1116062	7/16/08
2316.1481		GR	DSX JACK INCLUDING SLIDING REAR CONNECTOR	02762071.5-1528	4/11/02	3061497	4/7/07
	00-018	GR	Plastic patch panel	01985780.4	9/24/01	1322981	7/14/04
	03-010	GR	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	MP1086	GR	Devices Comprising PTC Conductive Polymers	86307651.9	10/3/86		
	00-001	GR	Shielding device for terminal blocks	00126936.4	12/8/00	1117158	2/13/08
	00-002	GR	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-004	GR	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-007	GR	Electrical connector with spaced contact portions	01940348.4-1231	4/25/01		
	00-008	GR	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01		
	00-009	GR	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-012	GR	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-013	GR	Connection module	01117086.7	7/13/01		
	00-015	GR	Electrical Connector	01956564.7-2217	7/26/01	1312137	5/25/05
	00-017	GR	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05
	00-019	GR	Optical Fibre Connection Housing	01982343.4-1524	9/24/01		
	00-020	GR	Distribution cabinet	01919316.8-2214	2/20/01	1264522	8/17/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	01-004	GR	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	01-005	GR	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	02-003	GR	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	03-001	GR	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	03-003	GR	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-004	GR	Glass-fiber coupler module	04723539.5	3/26/04	1613993	12/5/07
	03-005	GR	Conductor connection module for printed circuit boards	04740236.7-2214	6/24/04	1649549	11/2/06
	03-006	GR	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-012	GR	Slipover distribution cabinet	04713893.8	2/24/04	1597804	1/17/07
	03-013	GR	Construction kit for distribution cabinets	04006018.8	3/12/04	1458073	1/3/07
	04-004	GR	Connection module for telecommunications and data technology	05776552.1	8/30/05	1787481	5/27/09
	04-012	GR	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	GR	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	GR	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	GR	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	81-135	GR	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	69020	8/11/82	76247	8/4/84
	82-030	GR	Modular plug connector	69853	11/18/82	77736	9/25/84
	82-035	GR	Terminal element for cable wires and drop wire cables	70921	3/29/83	79247	10/22/84
	83-140	GR	A cable distribution head	73684	2/2/84	81724	12/12/84
	84-147	GR	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	75094/A	6/22/84	81638	12/11/84
	86-064	GR	A casing, particulary a junction-box casing for telecommunications engineering	87730050.9	5/8/87	0253756	11/18/93
	86-066	GR	Cutting/clamping terminal element for electrical conductors	87730118.4	9/30/87	0270479	8/12/92
	86-068	GR		87730118.4	9/30/87	0270479	5/6/92

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	86-069	GR	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	87730134	10/27/87	0270480	4/13/94
	86-069	GR	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	93112523.1	8/5/93		
	86-156	GR		87730030.1	3/21/87	0243296	12/27/90
	87-003	GR		88730042.4	2/24/88		
	87-075	GR	Connector bank for telecommunication devices	88730118.2	5/17/88	0302814	2/16/94
	87-077	GR	Device for holding connector banks in telecommunication systems	88730116.6	5/13/88	0304393	1/12/94
	87-166	GR	Terminal unit for cable pairs in Telecommunication systems	88730114.1	5/11/88	0296095	3/24/93
	88-006	GR		88730074.7	3/24/88	0288418	7/22/92
	88-086	GR	Tool for connecting cable wires	88730250.3	11/12/88	0329917	11/19/92
	88-087	GR		88117463.5	10/20/88	0328738	3/13/91
	88-088	GR	Protective plug for connector or disconnector banks	89100535.7	1/13/89	0338187	12/29/93
	88-091	GR	Receiving pre-amplifier for an optical telecommunication line	89730043.0	2/22/89	0344091	11/3/93
	88-092	GR		88113259.1	8/13/88	0312729	10/30/91
	88-097	GR	Connection device for switchung or disconnection line paths in telephone exchanges	89115536.8	8/23/89	0365780	4/26/95
	88-098	GR	Plug connector for telecommunication and data systems	89730204.8	8/23/89	0373096	9/8/93
	88-159	GR	Connecting element for optical waveguides	88112078.6	7/27/88	0309677	12/15/93
	89-005	GR	Protection plug for connector banks of telecommunication and data systems	90101057.9	1/19/90	0388585	12/21/94
	89-006	GR	Connector banks with voltage surge protection	90250072.7	3/16/90	0399628	6/7/95
	89-008	GR		90111280.5	6/15/90		
	89-010	GR	Wire connector for cable wires, in particular of telecommunication cables	90115668.7	8/16/90	0428832	1/12/92
	89-101	GR	Plug connector	90250004.0	1/4/90		
	89-102	GR	Shield connecting element for a connector bank	90250003.2	1/4/90	03823322	10/6/93
	89-192	GR	Electrical Connector	90122815.5	11/29/90	0445376	4/19/95
	90-002	GR	Voltage limiter	90122922.9	11/30/90	0440905	8/30/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-006	GR	Connecting block for the telecommunication and data technology	91100348.1	1/12/91	0446572	1/11/95
	90-008	GR		91102642.5	2/22/91	0447834	4/6/94
	90-009	GR	Device for displaying announcements, in particular prices in numerical form	91103873.5	3/14/91	0451528	9/8/93
	90-011	GR	Terminal block for telecommunications systems	91103990.7	3/15/91	0456987	5/6/93
	90-012	GR	Cutting Clamping Contact	91106635.5	4/25/91	0459144	5/24/95
	90-015	GR	Protective circuit and protective device plug for telecommunication installations	91110018.8	6/19/91	0471167	5/25/94
	90-021	GR		91115168.6	9/7/91	0484654	12/5/91
	91-001	GR		91119994.1	11/23/91		
	91-005	GR		92102812.2		0516922	8/31/94
	91-010	GR		92108267.3	5/15/92		
	91-011	GR	Insulation displacement contact terminal	92111624.0	7/9/92	0525457	3/6/96
	91-013	GR	Terminal bank for the telecommunication and data technology	92111854.3	9/9/92	0529267	6/16/99
	91-014	GR	Cutting and clamping sleeve contact	9211972.3	7/14/92	0531664	1/31/96
	91-022	GR	Switching assembly for glass fibre cables of the telecommunication and data technology	92113177.7	8/3/92	0536496	2/11/98
	92-001	GR		92115376.3			
	92-006	GR	Cutting and clamping Terminal Element	93101539.0	2/2/93	0558937	1/3/96
	92-009	GR			2/24/93		
	92-013	GR	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	93106602.1	4/23/93	0582779	1/3/96
	92-014	GR	Split flap display device	93110150.5	6/25/93	0583577	1/3/96
	92-015	GR	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	93112697.3	8/7/93		
	92-019	GR	Method for elctronically labelling articel	93250311.3	11/10/93		
	92-021	GR		93115054.4	9/18/93	0601290	6/4/97
	92-022	GR	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	93114996.7	9/17/93	0601289	11/27/96

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-024	GR	Signal-connector with capacitive adjustment for improved crosstalk parameters	93113952.1	9/1/93	0598192	1/8/97
	92-025	GR	Method and arrangement for optically representing information	93114019.8	9/2/93		
	92-026	GR	Method and arrangement for establishing networks of electro-optical display-field modules	93116523.7	10/13/93		
	93-006	GR		931119488.0	12/3/93		
	93-008	GR	Termination device for the communication and data technique	93119249.6	11/30/93		
	93-009	GR	Distribution device, in particular for the main distribution device of telephone and data lines	93119583.8	12/4/93	0618741	3/18/98
	93-015	GR	Cable branching device	94103854.9	3/14/94	0623832	5/27/98
	93-017	GR	Method for monitoring the filing levels of material of value collection containers	94105657.4	4/13/94		
	93-023	GR	Connection block for high speed transmission in the telecommunication and data system	94108404.8	6/1/94	0637097	9/2/98
	93-028	GR	Clamping Terminal unit	94112249.1	8/5/94	0643454	1/14/98
	93-030	GR	Terminal block	94113179.3	8/24/94	0645841	11/11/98
	93-032	GR	Electrical Plug Connector	94114414.9	9/14/94		
	93-033	GR		94114068.3	9/8/94		
	93-034	GR	Termination unit for telecommunication and data lines	94116632.4	10/21/94		
	93-036	GR	Coupling device between a glass fibre and a dielectric waveguide	94117310.6	11/3/94		
	94-003	GR	Digital electronic Loop Crossconnect & Carrier System	94117980.6	11/25/94		
	94-005	GR	Separation spark gap for limiting the maximum voltage on a surge arrester	94118945.8	12/1/94	0665619	3/5/97
	94-006	GR	Winding cartridge	94108836.1	6/9/94		
	94-007	GR	Insulation displacement contact element	94117060.7	10/28/94	0665614	4/19/00
	94-009	GR		94119809.5	12/15/94	0667650	9/9/98
	94-012	GR	Obliquely disposed insulation displacement contact	95100738.4-2214	1/20/95	0675564	9/30/98
	94-015	GR	Housing for optical components	95102617.8	2/24/95	0679917	1/19/00
	94-018	GR	Automatic distribution device for telecommunication and data lines	95106047.4	4/22/95		
	94-019	GR	Distribution apparatus, particularly for the main distributor of telecommunications or data lines	95107287.5	5/13/95	0689365	1/24/01

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-021	GR	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95105067.3	4/5/95	0690539	7/7/99
	94-022	GR	Electrical Plug Connector	95106785.9	5/5/95	0693801	8/26/98
	94-025	GR	Printed Circuit Board for Connectors	95108378.1	6/1/95	0697804	2/9/00
	94-026	GR	Flip-over Display Module	95109294.9	6/16/95		
	94-027	GR	Manufacturing process for structured metal plating on surfaces	94113917.2	9/6/94	0643153	6/19/96
	94-031	GR	Protection plug	95109298.0	6/16/95	0706194	9/3/97
	94-032	GR	Terminal element	95109771.6	6/23/95	0706234	11/24/99
	94-035	GR	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	95111172.3	7/15/95		
	94-036	GR	Cable protection element	95106431.0	4/28/95		
	94-037	GR	19"Racking system	95106430.2-2207	4/28/95		
	95-006	GR	Electrical Connectors	96105422.8	4/4/96		
	95-009	GR	Switching field	96112250.4-2302	7/30/96	0758792	10/17/01
	95-010	GR	Electrical Connector	96112491.4	8/2/96		
	95-012	GR	Distribution device for telecommunications and data technique	96113135.6	8/16/96		
	95-013	GR	Termination device for the telecommunication and data technique	96114423.5-2209	9/10/96		
	95-016	GR	Terminal block for high transmission rates	96111904.7-2308	7/24/96	0766352	11/29/00
	95-017	GR	Connecting device for telecommunication and data technique	96110940.2-2308	7/6/96		
	95-019	GR	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96113454.1-2209	8/22/96		
	95-020	GR	Automatic re-arrangement and distribution device for telecommunication and data lines	96115100.8	9/29/96		
	95-022	GR	Main distribution frame MDF	96920705.9	6/26/96		
	96-001	GR	Electronic access control and security system	97101244.8	1/28/97		
	96-002	GR	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97101240.6	1/28/97	0797379	9/18/02
	96-005	GR	Management-capable splice cassette	97101253.9	1/28/97		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-006	GR	Earthing module	97104914.3-2308	3/22/97		
	96-007	GR	Termination tool	97104913.5-2308	3/22/97		
	96-011	GR	High density high performance connector	97108131.0	5/20/97		
	96-013	GR	Connecting terminal	97111592.8	7/9/97	0837525	11/8/00
	96-018	GR	Clamping device	97118901.4	10/30/97	0844694	3/1/00
	96-019	GR	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	20030401296	1/15/03
	96-020	GR	Terminal, isolating or connecting strip	97121398.8	12/5/97	20010402510	9/19/01
	96-021	GR	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	97118903.0	10/30/97	0849850	7/11/01
	97-002	GR	Outdoor housing	98102656.0	2/17/98	0863593	8/29/01
	97-003	GR	Protection Plug	98102655.2	2/17/98	0862197	6/9/99
	97-008	GR	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-011	GR	Cable fastening	98102653.7	2/17/98		
	97-012	GR	Distribution block for telecommunication and data technology	98103424.2	2/27/98		
	97-013	GR	Stationary housing with wall elements made of plastic	98103423.4	2/27/98		
	97-016	GR	Overvoltage protection module	98107492.5	4/24/98		
	97-017	GR	Safety Plug (Terminator)	98107586.4	4/25/98		
	97-018	GR	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-019	GR	Interface module	98107578.1	4/25/98		
	97-022	GR		98114148.4	7/29/98		
	97-023	GR	Method for designing a telecommunications and data network	98948732.7	8/6/98		
	97-025	GR	Casing	98117540.9	9/16/98		
	97-028	GR	Apparatus for connecting cable cores	98119013.5	10/8/98		
	97-030	GR	High Frequency Cable	98964444.8	11/27/98		
	97-031	GR	Electrical power outlet with IDC connections	98121647.6	11/12/98	0921611	6/4/03
	97-032	GR	Patch Panel with retractable patch cord	98123266.3	12/7/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-001	GR	Optical fibre connector	98960871.6	12/8/98		
	98-002	GR	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-005	GR	Clamping element for cable shielding	99104341.5	3/4/99	0944132	12/20/00
	98-010	GR	Electrical Connector	99107064.0	4/10/99	0952635	8/24/05
	98-013	GR	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	GR	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-023	GR	Electrical Connector	99112489.2	7/1/99		
	98-024	GR	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	98-025	GR	Shielding device for connection strips in telecommunications and data engineering	99952571.0	10/14/99		
	99-001	GR	Connection element for cable conductor	99121852.0	11/4/99	1018786	9/19/01
	99-002	GR	Surge arrester mounting unit for telecommunications and data systems equipment	99121037.8	10/21/99		
	99-004	GR	Overvoltage protection element	99125286.7	12/18/99		
	99-006	GR	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07
	99-007	GR	Connector element with closure device	00916921.0	3/10/00		
	99-009	GR	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-010	GR	Traction relief device for a wire	00110099.9	5/13/00		
	99-014	GR	Frontpanel for LWL-modules	00115726.2-2205	7/21/00		
	99-017	GR	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	99-018	GR	Electrical Connector	00124720.4	11/13/00		
	99-019	GR	Distribution cabinet	99121185.5	10/22/99	1047167	9/17/03
	ITRACS001	GR	A System for Monitoring Connection Pattern of Data Ports	00919250	4/5/00	1173811	9/13/06
	ITRACS001	GR	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
	MP1064	GR	Optical Fiber Distribution Network	861802/A/193	7/10/86	861802	11/7/86
	MP1092	GR	Optical Fiber Contact And Connector	86309060.1	11/19/86		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1093	GR	Optical Fiber Connector	86309059.3	11/19/86		
	MP1097	GR	Apparatus For Relieving A Load Across A Cable Repair Region	86308773.0	11/11/86		
	MP1112	GR	Universal End Plate-Gel Seal	87301044.1	2/5/87		
	MP1125	GR	Optical Fiber Termination Using An Elastic Convex Dam	87304031.5	5/6/87		
	MP1374C	GR	Gel Filled Modular Electrical Connecting Block	94906610.4	1/12/94	3030443	6/9/99
	MP1391	GR	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	91918523.1	10/3/91		
	NC004	GR	Telecommunications Terminal Block	92922043.2	10/5/92	3029230	1/20/99
	NC044	GR	Fiber Optic Splice Closure Including Side Pivoting Slack Storage Holder And Associated Methods	99971929.7	11/12/99	3048068	1/14/04
02316.3999GRE2	MP1374C	GR	Gel Filled Modular Electrical Connecting Block	98203335.9	1/12/94	3043438	4/16/03
2316.1011/I2		GR	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	20040400457	2/16/00	1 166 161	11/26/03
2316.1011/I4		GR	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	00964881.7	5/25/00	1185897	12/13/06
TYCEO/P32112EP	NC059	GR	Low Profile Optical Fibre Network Interface Enclosure	3056479	10/30/01	20060400520	2/1/06
40484		GR	TWISTED PAIR CABLE AND CONNECTOR ASSEMBLY	97102403.9	2/14/97	3041848	9/11/02
15700		GR	NETWORK INTERFACE DEVICE MODULE PROVIDING SEALED CUSTOMER ACCESSIBLE TEST PORT	950100023	1/25/95	1002629	3/3/97
WR118		GR	Cable Cutting Tool	89105061	3/21/89		
WR119		GR	High Frequency Shielded Connection For Coax Cable	89110438.2	6/9/89		
WR120		GR	Multi-Outlet Box For Cables	89111573.5	6/24/89		
WR137		GR	Connection To Terminal Plate. Similarity To D. Terminator	91907679.4	4/12/91		
WR140		GR	Mechanical Radi Seal	91916615.7	9/12/91		
WR142		GR		91920407.3	11/27/91		
WR145		GR	Fibre Optic Housing With Consumer Tap And Lead To Next Consumer I Same Housing.	92109429.8	6/4/92		
WR156		GR	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	93919538.4	9/14/93		
WR160		GR	Catv Splitter With Variable Attenuation	94903960.6	1/6/94		
WR163		GR	Uteic With Dust Flap	94919793.3	7/8/94		
WR164		GR	Uteic Cable Gripper With Self-Centring	94902984.7	1/6/94		
WR166		GR	Shaped Silicone Rubber Seal For Uteic Closure	94924915.5	8/23/94		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR168		GR		94931106.2	10/27/94		
WR172		GR	Catv Tap With Power Tap-Off	95932823.8	9/26/95		
	86-064	GT	A casing, particulary a junction-box casing for telecommunications engineering	PI870010	3/12/87	417246716	8/7/89
	87-077	GT	Device for holding connector banks in telecommunication systems	PI880062	8/19/88	42575217	3/6/91
	90-012	GT	Cutting Clamping Contact	PI910076	11/28/91	4537/333/17	9/21/98
	90-015	GT	Protective circuit and protective device plug for telecommunication installations	PI910077	11/28/91	4488/283/17	11/21/94
	91-014	GT	Cutting and clamping sleeve contact	PI-920069	12/16/92	4505/301/17	1/23/97
	96-020	GT	Terminal, isolating or connecting strip	PI970076	6/16/97	4600/396/17	11/17/00
	99-013	GT	Interconnection device for telephone/data lines with tool less wire termination and easy disconnection for testing	PI-2000-0116	7/13/00		
	99-016	GT	STC-Module	PI-2000-0195	11/17/00		
100.0019		HK	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	03107139.4	10/3/03	HK1055027	6/22/12
100.0019		HK	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	08109172.3	7/3/01	HK1118139	5/16/14
100.0019		HK	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	10101158.4	7/3/01	10101158.4	6/3/14
100.0019		HK	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	11109016.8	7/3/01		
100.0019		HK	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	03107139.4	7/3/01		
100.0083		HK	SYSTEM AND METHOD FOR DISTRIBUTING RF SIGNALS	00105961.4	6/26/98		
100.0181		HK	CIRCUIT ARRANGEMENT FOR REDUCING PASSBAND RIPPLE OF A BANDPASS FILTER	01103334.8	1/19/99		
100.0266		HK	TUNING A CAVITY FILTER BASED ON STORED POSITIONAL DATA FOR TUNING MEMBERS	05100198.5	10/23/02		
100.0451		HK	DISTRIBUTED DIGITAL SIGNAL SUMMATION AND GAIN CONTROL	05108481.4	12/3/03		
100.0452		HK	DISTRIBUTED DIGITAL ANTENNA SYSTEM	05108482.3	12/3/03	1076559B	3/14/14
100.0453		HK	SMALL SIGNAL THRESHOLD AND PROPORTIONAL GAIN DISTRIBUTED DIGITAL COMMUNICATIONS	05108483.2	12/3/03		
100.0705		HK	SYSTEMS AND METHODS FOR OPTICAL POWER WINDOW CONTROL	09100665.5	9/28/06		
100.0724		HK	METHODS AND SYSTEMS FOR CONTROLLING OPTICAL POWER ATTENUATION	08113240.3	9/28/06		
100.0755		HK	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	12101657.8	2/20/12	1161495	5/10/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0788		HK	SYSTEMS AND METHODS FOR ANALOG TRANSPORT OF RF VOICE/DATA COMMUNICATIONS	09107558.0	10/16/08	1128578	6/11/10
100.0814		HK	DELAY MANAGEMENT FOR DISTRIBUTED COMMUNICATIONS NETWORKS	10110407.4	11/8/10		
100.0828		HK	MODULAR WIRELESS COMMUNICATIONS PLATFORM	10108347.1	9/2/10	10108347.1	10/8/13
100.0828		HK	MODULAR WIRELESS COMMUNICATIONS PLATFORM	10108347.1	9/2/10	10108347.1	10/8/13
100.0846		HK	METHOD AND SYSTEM FOR ENHANCING THE PERFORMANCE OF WIDEBAND DIGITAL RF TRANSPORT SYSTEMS				
100.0974		HK	Method and apparatus for providing intelligent cellular handoff	00105685.9	9/8/00		
2316.0095		HK	JACK DEVICE	981067546	12/12/86	1,007,637	4/16/99
2316.0372		HK	MINIATURE COAX JACK MODULE	981067396	7/14/92	1,007,636	4/16/99
2316.0488		HK	HIGH-DENSITY FIBER DISTRIBUTION FRAME	98112301.2	11/16/94	HK1011224	8/1/03
2316.0488		HK	HIGH-DENSITY FIBER DISTRIBUTION FRAME	98112302.1	11/16/94		
2316.0691		HK	SWITCHING COAX JACK DEVICE	00104286.5	3/23/98	HK1025189	10/11/02
2316.0706		HK	AMPLIFIER SWITCH CONTROLLER AND SYSTEM	00100612.8	12/9/97		
2316.0706		HK	AMPLIFIER SWITCH CONTROLLER AND SYSTEM	02100065.8	12/9/97	1,038,444	6/7/02
2316.0753		HK	DSX MODULE WITH REMOVABLE JACK	00102861.2	2/23/98	HK 1023855	12/27/02
2316.0777		HK	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	001042856	3/23/98	1,025,188	9/6/02
2316.0777		HK	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	02100733.0	3/23/98	1039220	1/21/04
2316.0786		HK	FIBER CONNECTOR AND ADAPTER	00105634.1	5/14/98	HK1026741	12/24/03
2316.0786		HK	FIBER CONNECTOR AND ADAPTER	02100137.2	2/28/03	HK1038614	12/7/07
2316.0786		HK	FIBER CONNECTOR AND ADAPTER	04100609.9	1/29/04	1057921	4/28/06
2316.0891		HK	REPAIRABLE CONNECTOR AND METHOD	01103289.3	1/5/99	HK1033035	11/21/03
2316.0891		HK	REPAIRABLE CONNECTOR AND METHOD	03101340.2	1/5/99	1,049,405	10/21/04
2316.0942		HK	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	01106661.4	5/20/99	HK1040572	12/24/03
2316.0951		HK	FIBER OPTIC ADAPTER, INCLUDING HYBRID CONNECTOR SYSTEM	02104313	11/10/99		
2316.0988		HK	JACK ASSEMBLY	08101341.6	11/5/99		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0988		HK	JACK ASSEMBLY	08101342.5	11/5/99		
2316.0988		HK	JACK ASSEMBLY	02102563.1	11/5/99	HK1041370	7/14/06
2316.0988		HK	JACK ASSEMBLY	06103339.8	11/5/99		
2316.1009		HK	DSX MODULE WITH REMOVABLE JACK	02104608.4	3/31/00	HK1043256	11/7/03
2316.1017		HK	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	02102985.4	2/10/00		
2316.1051		HK	HIGH DENSITY PATCHING SYSTEM	02103514.9	4/11/00	HK1042006	2/27/09
2316.1196		HK	TELESCOPING TROUGH	04102391.7	5/25/01		
2316.1220		HK	CABLE TROUGH WITH SEPARATE SIDE ELEMENTS	08102230.8	9/25/01		
2316.1229		HK	LOW PROFILE TELECOMMUNICATIONS JACK WITH LAMP SWITCH	04107528.2	10/30/01		
2316.1247		HK	TUNABLE FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	04107515.7	12/14/01	HK1064743	2/10/06
2316.1250		HK	CABLE EXIT TROUGH WITH INSERT	04100834.6	10/4/01	1058068	7/20/07
2316.1250		HK	CABLE EXIT TROUGH WITH INSERT	07111586.0	10/26/07		
2316.1348		HK	TELECOMMUNICATIONS JACK SUBASSEMBLY	03108264.9	10/30/01		
2316.1362		HK	DIGITAL SWITCHING CROSS-CONNECT MODULE	06101021.5	7/10/03		
2316.1397		HK	CARD EDGE COAXIAL CONNECTOR	05111701.2	3/21/03	HK1080615	9/19/08
2316.1474		HK	ANGLED RJ TO RJ PATCH PANEL	05100013.8	1/3/05	1067237	9/29/06
2316.1474		HK	ANGLED RJ TO RJ PATCH PANEL	06107211.2	6/26/06	HK1085057	10/13/06
2316.1474		HK	ANGLED RJ TO RJ PATCH PANEL	06107683.2	7/7/06	HK1085573	10/27/06
2316.1481		HK	DSX JACK INCLUDING SLIDING REAR CONNECTOR	04106283.9	4/11/02	1063535	5/4/07
2316.1481		HK	DSX JACK INCLUDING SLIDING REAR CONNECTOR	07111585.1	10/26/07	HK1103176	4/21/11
2316.1486		HK	CARD EDGE CONTACT INCLUDING COMPLIANT END	04107229.4	8/6/02		
2316.1519		HK	JACK; JACK ASSEMBLY; AND METHODS	03106030.6	8/22/03	1053750	7/21/06
2316.1533		HK	GUIDE FOR FEMALE BNC CONNECTOR PART	0118066.1	1/29/99	1039406	3/24/06
2316.1599		HK	FIBER TERMINATION BLOCK WITH ANGLED SLIDE	05101312.4	11/7/02	1069878	2/19/10
2316.1605		HK	FRONT ACCESS DSX ASSEMBLY	04107871.5	9/16/02	1065433	6/18/10
2316.1624		HK	TELECOMMUNICATIONS PATCH PANEL	05101313.3	11/13/02		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1637		HK	TRIAXIAL CONNECTOR ADAPTER AND METHOD	05103418.3	1/16/03	HK1069926	10/30/09
2316.1638		HK	TRIAXIAL CONNECTOR INCLUDING CABLE CLAMP	05102205.2	1/16/03		
2316.1692		HK	REAR ACCESS DSX SYSTEM	06101048.4	10/8/03	HK1081370	6/5/09
2316.1693		HK	HIGH DENSITY DSX SYSTEM	06101047.5	10/8/03	HK1081369	11/28/08
2316.1702		HK	CABLE MANAGEMENT ASSEMBLY, SYSTEM AND METHOD	06103746.5	11/12/03	HK1084277	1/29/10
2316.1722		HK	TERMINATED COAXIAL CONNECTOR	05111706.7	12/19/05	1080617	2/6/08
2316.1726		HK	FIBER MANAGEMENT DRAWER AND PATCH PANEL	05109515.2	7/17/03		
2316.1744		HK	HIGH DENSITY PANEL WITH ROTATING TRAY	06101049.3	9/26/03	1081371	1/13/12
2316.1747		HK	POWER DISTRIBUTION PANEL WITH MODULAR INSERTS	06103460.9	12/12/03	1083582	3/19/10
2316.1785		HK	TELECOMMUNICATIONS CONNECTION CABINET	06114089.7	6/18/04	1094295	8/20/10
2316.1787		HK	FIBER OPTIC CONNECTOR HOLDER AND METHOD	06110369.6	6/23/04		
2316.1787		HK	FIBER OPTIC CONNECTOR HOLDER AND METHOD				
2316.1793		HK	SLIDE ARRANGEMENT FOR CABLE DRAWER	11104962.3	5/19/11		
2316.1795		HK	TRIAXIAL BULKHEAD CONNECTOR	06112799.2	8/10/04	HK1091037	7/20/12
2316.1801		HK	FIBER OPTIC CABLE AND FURCATION MODULE	06113233.4	9/1/04	HK1091552	8/12/11
2316.1808		HK	JACK WITH MODULAR MOUNTING SLEEVE	06113818.7	10/29/04		
2316.1825		HK	PROTECTIVE BOOT AND UNIVERSAL CAP	07103120.0	2/8/05		
2316.1850		HK	DSX MODULE WITH PERFORMANCE MONITORING	07106921.4	7/18/05		
2316.1863		HK	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	07108664.1	6/13/05	HK1100699	10/15/10
2316.1869		HK	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	08100303.4	9/9/05	1106298	3/19/10
2316.1874		HK	WDM SYSTEMS AND METHODS	07113308.3	12/5/07		
2316.1888		HK	CABLE WITH OFFSET FILLER	06113989.0	10/14/04	1092274	6/20/14
2316.1888		HK	CABLE WITH OFFSET FILLER	06114254.6	10/14/04		
2316.1889		HK	METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS	07103121.9	2/18/05	1095931	11/1/13
2316.1891		HK	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	07103321.7	2/18/05		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1894		HK	Tuned patch cable	02108675.3	5/25/00	HK 1047186	2/17/06
2316.1895		HK	Low delay skew multi-pair cable and method of manufacture	02109251.3	5/25/00	HK 1047818	10/7/05
2316.1896		HK	Optimizing lan cable performance	03107186.6	5/24/00	HK 1,055,010	4/22/05
2316.1897		HK	Cable assembly with molded stress relief and method for making the same	03100578.7	5/25/00	HK1048392	5/20/05
2316.1912		HK	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	08100456.9	1/14/08	HK1106911	8/29/08
2316.1954		HK	TELECOMMUNICATIONS CABLE JACKET ADAPTED FOR POST-EXTRUSION INSERTION OF OPTICAL FIBER AND METHODS FOR MANUFACTURING THE SAME	08105076.8	5/7/08		
2316.1955		HK	LOW SHRINK TELECOMMUNICATIONS CABLE AND METHODS FOR MANUFACTURING THE SAME	08104510.5	4/23/08		
2316.2069		HK	LOOP PLUG	08100457.8	1/14/08		
2316.2105		HK	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	08109622.9	8/29/08		
2316.2138		HK	OPTICAL FIBER PATCH PANEL	89306553.2	6/27/89	1345	7/25/96
2316.2290		HK	TELECOMMUNICATIONS PATCH PANEL	09107979.1	9/21/09		
2316.2371		HK	UNIVERSAL BRACKET FOR MOUNTING A DROP TERMINAL	10100404.8	1/14/10	1133464	6/15/12
2316.2378		HK	Telecommunications Jack with Crosstalk Compensation and Arrangements for Reducing Return Loss	10101205.7	2/4/10	1134169	12/30/11
2316.2460		HK	HARDENED FIBER OPTIC CONNECTOR	10102720.1	3/16/10		
2316.2473		HK	FIBER OPTIC CONNECTOR MECHANICAL INTERFACE CONVERTER	10102722.9	3/16/10		
2316.2498		HK	HARDENED FIBER OPTIC ADAPTER	10102721.0	3/16/10		
2316.2610		HK	HINGE FOR CABLE TROUGH COVER	10112240.1	7/31/08		
2316.2613		HK	FIBER DISTRIBUTION HUB	10110337.9	11/4/10		
2316.2729		HK	BULKHEAD WITH ANGLED OPENINGS AND METHOD	11104963.2	5/19/11		
2316.2743		HK	REAR LATCH ARRANGEMENT FOR SLIDING DRAWER	11105817.7	3/17/09		
2316.3071		HK	MANAGED FIBER CONNECTIVITY SYSTEMS	13109670.3	8/20/13		
2316.3233		HK	WALL-MOUNTABLE OPTICAL FIBER AND CABLE MANAGEMENT APPARATUS	08112749.1	11/21/08	1121238	8/31/12
2316.3233		HK	FIBER OPTIC CABLE FOR MULTI-DWELLING UNIT (MDU) AND COMMERCIAL BUILDING DEPLOYMENTS	08112954.1	11/27/08	1121811	8/1/14

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	03-010	HK	Distribution device for communications and data technology	07101552.1	11/12/04	HK1096812	9/17/10
	03-009	HK	Wall outlet box	07104536.6	10/8/04	HK1097356	11/13/09
	E-TO-00008	HK	Electrical Connector with Shielded Differential Contact Pairs	08110674.4	5/1/06	1115479	10/14/11
	MP0192	HK	Heat-Recoverable Article With Self-Contained Heater	516/79	7/26/79	516/79	7/26/79
	MP0192	HK	Heat-Recoverable Article With Self-Contained Heater	42979	6/28/79	42979	6/28/79
	MP0192	HK	Heat-Recoverable Article With Self-Contained Heater	515/79	7/26/79	515/79	7/26/79
	MP0219	HK	Expandable Heater With Apertured Electrodes	445/81	9/3/81	445/81	9/3/81
	MP0790COM	HK	Thermoweave	829/89	10/2/88	829/89	10/19/89
	MP0790COM	HK	Thermoweave	827/89	10/2/88	827/89	10/19/89
	MP0790COM	HK	Thermoweave	828/89	10/2/88	828/89	10/19/89
	00-004	HK	Duplex connector for fiber clips	03106839.9	3/21/01	HK1054591	7/21/06
	00-006	HK	Z Form Insulation Displacement Contact (Electrical power outlet)	03106839.9	3/21/01	HK1054591	7/21/06
	00-009	HK	Connection module with overvoltage device	03108030.2	5/30/01	HK1055850	2/24/06
	00-012	HK	Assembly and method for use in terminating an optical fiber or fibers	03108133.8	6/11/01	HK1056227	1/19/07
	00-015	HK	Electrical Connector	03109470.7	7/26/01	HK1057134	12/2/05
	00-017	HK	Coupling device for glass fiber connectors	04104763.3	9/21/01	HK1061893	8/18/06
	00-018	HK	Plastic patch panel	05102667.3	9/24/01	HK1070140	9/28/07
	00-019	HK	Optical Fibre Connection Housing	04107080.2	9/24/01	HK1064448	2/29/08
	01-004	HK	Universal adapter	05102317.7	7/27/02	HK1069879	7/20/07
	01-005	HK	Strain relief device for a Plug Connector for Communications and Data technology	05102762.7	8/12/02	HK1070186	5/18/07
	01-007	HK	Terminal block	05106192.8	9/13/02	HK1073754	7/23/10
	02-001	HK	Access guard for distributor modules	05110060.9	11/10/05		
	02-002	HK	Plug for connection modules and method for its manufacture	05110245.7	2/20/03	HK1078379	10/31/08
	02-003	HK	Coupling for optical-fiber connectors	05111955.5	4/25/03	HK1079853	5/22/09
	02-004	HK	Device for an optical-fiber connection	05111155.3	4/25/03	HK1079289	4/24/09
	02-005	HK	Distribution box connection module for telecommunications and data technology	06103820.4	7/18/03	HK1083942	10/8/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	02-006	HK	Patch Cord Connector	06101612.0	7/16/03	HK1081727	5/7/10
	03-002	HK	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	06110400.7	2/27/04	HK1090245	6/11/10
	03-003	HK	Overvoltage protection magazine for a telecommunications device	06110147.5	3/26/04	HK1089877	5/7/10
	03-005	HK	Conductor connection module for printed circuit boards	06112228.3	11/7/06		
	03-006	HK	Distribution board connection module	05105774.6	9/18/03	HK1073182	10/30/09
	04-001	HK	Optical fiber plug-in connection	07111175.7	2/25/05		
	04-002	HK	Plug connector for printed circuit boards	07106454.9	3/19/05	HK1099413	6/25/10
	04-004	HK	Connection module for telecommunications and data technology	08100932.3	8/30/05		
	04-007	HK	Housing	07104465.1	10/27/04	HK 1098258	10/21/11
	04-009	HK	Tool for connecting cable cores	08104107.4	10/31/07	1109967B	11/13/09
	04-010	HK	Distribution board connection module	08103486.7	10/31/05		
	04-011	HK	Distribution board connection module	08103484.9	10/31/05		
	04-012	HK	Plug-in connector for printed circuit boards	08103483.0	10/31/05	1109504B	11/13/09
	04-014	HK	Cable connector for printed circuit boards	08105107.1	11/3/05	1110737 B	5/6/11
	05-005	HK	Plug connection	08109522.0	3/1/06	HK1114248	9/10/10
	05-011	HK	Insulation displacement connector and equipment for telecommunications and data technology	08113373.2	7/17/06	HK1120662	12/2/10
	05-014	HK	Connecting element having a housing for telecommunications and/or data cables	08112978.3	11/27/08		
	06-004	HK	Press-fit-connector	09110888.5	4/26/07	HK1131471	8/19/11
	06-009	HK	Connector Block	09110887.6	7/18/07		
	06-010	HK	Connector Block	09110886.7	7/18/07	HK1131264	12/23/11
	06-011	HK	Shielding Device	10101617.9	7/18/07		
	06-018	HK	Plug-in connector for printed circuit boards	10103829.9	11/15/07		
	07-005	HK	Plug-in connector for printed circuit boards and connection module with plug-in connector for printed circuit	10104891.0	12/13/07		
	07-039	HK	TELECOMMUNICATIONS PATCH PANEL	09107805.1	8/25/09		
	18044	HK	NETWORK CONNECTION SENSING ASSEMBLY	06110390.9	9/19/06		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	80-012	HK	A tool for electrically connecting insulated wires	529/86	4/8/81	529/86	7/10/85
	80-128	HK	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	424/87	2/25/81	424/87	3/18/87
	80-129	HK	A twin contact terminal element	678/85	3/16/81	678/85	9/5/85
	80-132	HK	A self supporting terminal element	851/85	3/5/81	851/85	10/31/85
	81-135	HK	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	425/86	9/18/82	425/86	6/5/86
	82-030	HK	Modular plug connector	117/87	12/23/82	117/87	2/5/87
	82-153	HK		936/85	3/25/82	936/85	11/21/85
	83-140	HK	A cable distribution head	208/87	2/7/84	208/87	3/5/87
	83-145	HK	Optical main distributor		4/3/86		
	85-003	HK		0210945	5/2/86		
	86-019	HK	Connector bank for cable wires, in particular for telephone cables	0244347	4/3/87	350/1992	8/21/91
	86-066	HK	Cutting/clamping terminal element for electrical conductors	0267145	9/30/87	758/1993	8/12/92
	86-069	HK	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	0270480	10/27/87	609/1994	
	87-075	HK	Connector bank for telecommunication devices	0302814	4/29/94	557/94	5/24/94
	87-077	HK	Device for holding connector banks in telecommunication systems	0304393	4/29/94	558/94	5/24/94
	88-086	HK	Tool for connecting cable wires	0329917	11/12/88	756/1993	11/19/92
	88-088	HK	Protective plug for connector or disconnector banks	0338187	1/13/89	559/1994	5/24/94
	88-092	HK			4/25/92		
	90-006	HK	Connecting block for the telecommunication and data technology	0446572	1/12/91	793/1995	5/18/95
	90-011	HK	Terminal block for telecommunications systems	0456987	3/15/91	1152/1995	7/13/95
	90-012	HK	Cutting Clamping Contact	0459144	1/22/96	321/1996	2/22/96
	90-015	HK	Protective circuit and protective device plug for telecommunication installations	0471167	6/19/91	909/1994	9/1/94
	91-013	HK	Terminal bank for the telecommunication and data technology	98103906.0	5/6/98		
	92-006	HK	Cutting and clamping Terminal Element	0558937	2/14/96	545/1996	3/28/96

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-024	HK	Signal-connector with capacitive adjustment for improved crosstalk parameters	2273397	11/16/92	0970552	5/1/97
	93-023	HK	Connection block for high speed transmission in the telecommunication and data system	98103904.2	5/6/98	HK1004725	3/17/00
	93-028	HK	Clamping Terminal unit	98103896.2	5/6/98	HK1004785	12/4/98
	93-032	HK	Electrical Plug Connector	98103903.3	5/6/98		
	93-034	HK	Termination unit for telecommunication and data lines	98103933.7	5/7/98		
	94-015	HK	Housing for optical components	98103934.6	5/7/98		
	94-022	HK	Electrical Plug Connector	98110574.6	9/10/98	1010019	4/14/00
	94-025	HK	Printed Circuit Board for Connectors	98103936.4	5/7/98	HK1004742	11/24/00
	94-027	HK	Manufacturing process for structured metal plating on surfaces		8/26/94		
	94-031	HK	Protection plug	97102475.4	12/17/97	HK1000945	5/8/98
	94-035	HK	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	98103935.5	5/7/98		
	95-006	HK	Electrical Connectors	98103937.3	5/7/98		
	95-012	HK	Distribution device for telecommunications and data technique	98104005.8	5/8/98		
	95-016	HK	Terminal block for high transmission rates	98101087.5	2/12/98		
	96-001	HK	Electronic access control and security system	98103524.2	4/27/98		
	96-002	HK	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	98102674.2	3/30/98		
	96-005	HK	Management-capable splice cassette	98103753.4	5/1/98	HK10014425	1/16/04
	96-011	HK	High density high performance connector	98111760.8	11/5/98		
	96-018	HK	Clamping device	98111906.3	11/22/97	HK1010944	2/4/05
	96-019	HK	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	98112157.7	11/20/98		
	96-020	HK	Terminal, isolating or connecting strip	99100289.2	1/21/99	HK1015555	8/26/05
	97-002	HK	Outdoor housing	98112776.8	12/3/98		
	97-008	HK	Arrangement of contact pairs for compensation of near-end crosstalk	99103184.2	7/23/99		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	97-012	HK	Distribution block for telecommunication and data technology	99103156.6	7/21/99		
	97-013	HK	Stationary housing with wall elements made of plastic	99103154.8	7/21/99		
	97-016	HK	Overvoltage protection module	99102043.5	5/6/99		
	97-018	HK	Overvoltage protection plug with fail-safe device	99102206.8	5/18/99		
	97-032	HK	Patch Panel with retractable patch cord	00100479.0	1/25/00		
	98-010	HK	Electrical Connector	00102751.5	4/20/99	HK1023659	12/16/05
	98-013	HK	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	01108978.8	5/12/99	HK1038648	5/20/05
	98-025	HK	Shielding device for connection strips in telecommunications and data engineering	02104409.5	10/14/99	HK1043254	8/20/04
	99-002	HK	Surge arrester mounting unit for telecommunications and data systems equipment	00108563.0	12/29/00	1029446	12/1/06
	99-017	HK	Connecting cable with an electrical plug connection	03106861.0	11/16/00	HK1054625	12/23/05
	ITRACS001	HK	A System for Monitoring Connection Pattern of Data Ports	00919250	10/7/02	1046962	12/17/04
	ITRACS001	HK	A System for Monitoring Connection Pattern of Data Ports		10/7/02	1083904	11/6/09
	MP0220	HK	Pressurized Splice Case	698/80	12/11/80	698/80	12/11/80
	MP0838COM	HK	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	394/88	5/26/88	394/88	5/26/88
	MP0838COM	HK	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	396/88	5/26/88	396/88	5/26/88
	MP0839COM	HK	Optical Fiber Tap	831/89	10/19/89	831/89	10/19/89
02316.3392CCWO	TO-00402	HK	Portable Device for Attaching a Connector to an Optical Fiber	14108494.8	2/7/12		
02316.3883HKCN	E-TO-00028	HK	Duplex Plug Adapter Module	08106557.4	4/27/06	HK1112060	12/11/09
02316.3915HKEP	E-TO-00205	HK	Electrical Connector With a Compliant Cable Strain Relief Element	11107661.0	7/22/11	HK1153574	5/9/14
2316.1006/01		HK	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE (GLIDE)	02106710.4	1/3/00	HK1045430	7/15/05
2316.1006/01		HK	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE (GLIDE)	08101340.7	1/3/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1011/I2		HK	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	021044308	2/16/00	1042949	2/27/04
2316.1011/I4		HK	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	021059220	5/25/00	1044379	4/27/07
2316.1066/I1		HK	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	04102804.8	8/22/01	1061437	7/8/11
2316.1066/I1		HK	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	11104575.2	5/9/11		
2316.1687/I1		HK	COUPLER FOR CABLE TROUGH	05105245.7	3/21/03	1073536	10/22/10
2316.1687/I1		HK	COUPLER FOR CABLE TROUGH	10110477.9	10/10/10		
2316.1838/P2		HK	FIBER ACCESS TERMINAL	07106359.5	3/8/05	1098827	6/4/10
2316.1890/I1		HK	METHODS AND SYSTEMS FOR POSITIONING CONNECTORS TO MINIMIZE ALIEN CROSSTALK	07103311.9	2/18/05		
2316.1910/WO		HK	Communication wire	05112114.1	9/8/03		
2316.2295/I1		HK	SYSTEMS AND METHODS FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT	07109005.7	11/17/04	1100976	6/25/10
2316.2295/I1		HK	SYSTEMS AND METHODS FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT	08110869.9	11/17/04		
2316.2467/01		HK	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	10101406.4	2/8/10		
2316.2584/P1		HK	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	11100870.2	5/6/08		
2316.2584/P1		HK	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	14110722.8	10/27/14		
2316.2584/P2		HK	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	11100871.1	8/5/08	1146747	9/13/13
2316.2584/P4		HK	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	11100872.0	9/4/08	1146748	9/13/13
5487-136HK	NC066	HK	Connector Assembly for Use with Connector Plug	06103930.1	11/21/08	1083943B	6/12/09
5487-136HK2	NC066	HK	Connector Assembly for Use with Connector Plug	08106062.2	12/9/10	1115678	1/28/11
15396		HK	IMPROVED SHIELDED ELECTRICAL CONNECTOR	98201173.6	8/6/93		
4935		HK	MODULAR TELEPHONE PLUG	8313136	5/12/83	88/528	6/5/85
	86-064	HN	A casing, particulary a junction-box casing for telecommunications engineering		11/12/86		
	86-064	HN	A casing, particulary a junction-box casing for telecommunications engineering	5337-86	12/1/86	3.242	6/8/87
	87-075	HN	Connector bank for telecommunication devices	3773-88	7/18/88	3.321	12/13/88
	87-077	HN	Device for holding connector banks in telecommunication systems	3525-88	7/4/88	3320	12/1/88

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-012	HN	Cutting Clamping Contact	206/91	5/31/91	3441	12/9/94
	90-015	HN	Protective circuit and protective device plug for telecommunication installations	307/91	7/19/91	3434	12/9/94
	91-014	HN	Cutting and clamping sleeve contact	6.505/92	8/19/92		
	99-013	HN	Interconnection device for telephone/data lines with tool less wire termination and easy disconnection for testing	PI/DE2000/161	7/20/00		
	09-011	HR	Terminal strip	10712336.6	3/26/10	2441128	3/12/14
	96-020	HR	Terminal, isolating or connecting strip	P970669A	12/8/97	P970669	9/28/01
	00-007	HR	Electrical connector with spaced contact portions	P20020850A	4/25/01		
	00-015	HR	Electrical Connector	P 20030191 A	7/26/01	P20030191	4/24/07
	02-003	HR	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	03-002	HR	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	P20050785A	2/27/04	P20050785A	11/25/11
	03-006	HR	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	04-012	HR	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	HR	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	HR	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	HR	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	94-031	HR	Protection plug	P950393A	7/10/95	P950393	6/9/99
	96-011	HR	High density high performance connector	P970280A	5/21/97		
	96-018	HR	Clamping device	P970632A	11/21/97		
	96-019	HR	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	P970676A	12/9/97		
	97-008	HR	Arrangement of contact pairs for compensation of near-end crosstalk	P980113A	3/4/98		
	98-002	HR	Support body for an electrical contact arrangement	P20000507A	1/21/99		
	98-013	HR	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	P20000796A	5/12/99	P20000796	5/25/09
	98-022	HR	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-024	HR	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	99-006	HR	Device for mounting terminal strips for telecommunication, control power and data technology	PCT/EP00/01685	2/29/00		
	99-017	HR	Connecting cable with an electrical plug connection	P20020503A	11/16/00	P20020503	6/12/06
	ITRACS001	HR	A System for Monitoring Connection Pattern of Data Ports		4/5/00	P20010721	4/17/09
2316.1910/WO		HR	Communication wire	P 20050363 A	9/8/03		
2316.0372		HU	MINIATURE COAX JACK MODULE	P9402818	7/14/92		
2316.0488		HU	HIGH-DENSITY FIBER DISTRIBUTION FRAME	P9601932	11/16/94	261,983	8/10/99
2316.1475		HU	CABLE STORAGE SPOOL	P0302854	3/5/02		
2316.1599		HU	FIBER TERMINATION BLOCK WITH ANGLED SLIDE	P0600022	11/7/02		
2316.1681		HU	FIBER MANAGEMENT MODULE WITH CABLE STORAGE	P0500272	5/20/03		
2316.1726		HU	FIBER MANAGEMENT DRAWER AND PATCH PANEL	P0500592	7/17/03		
2316.2109		HU	FIBER OPTIC CONNECTOR HOLDER	06788020.3	7/20/06	1913430	1/28/09
	03-010	HU	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	09-011	HU	Terminal strip	10712336.6	3/26/10	2441128	3/12/14
	03-006	HU	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	96-020	HU	Terminal, isolating or connecting strip	P9702378	12/9/97	222802	9/12/03
	MP1492	HU	Sealed Electronic Packaging For Environmental Protection Of Active Electronics		4/6/95		
	00-007	HU	Electrical connector with spaced contact portions	P0300184	4/25/01		
	00-015	HU	Electrical Connector	P0400513	7/26/01	226185	4/28/08
	00-017	HU	Coupling device for glass fiber connectors	P0302203	9/21/01		
	02-003	HU	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	03-001	HU	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	03-003	HU	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-012	HU	Slipover distribution cabinet	04713893.8	2/24/04	1597804	1/17/07
	03-013	HU	Construction kit for distribution cabinets	04006018.8	3/12/04	1458073	1/3/07

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	04-012	HU	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	HU	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	HU	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	HU	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	83-040	HU	A terminal strip	1379/84	4/9/84	187989	11/10/87
	85-003	HU		2566/86	6/18/86		
	87-077	HU	Device for holding connector banks in telecommunication systems	2966/88	6/8/88	200050	12/19/90
	90-009	HU	Device for displaying announcements, in particular prices in numerical form	996/91	3/26/91	208.190	4/29/93
	90-012	HU	Cutting Clamping Contact	1424/91	4/26/91	209.223	8/23/94
	90-015	HU	Protective circuit and protective device plug for telecommunication installations	2251/91	7/3/91	206.796	9/14/92
	91-010	HU		9201918	7/16/92		
	91-014	HU	Cutting and clamping sleeve contact	2549/92	8/5/92	208.765	9/28/93
	91-022	HU	Switching assembly for glass fibre cables of the telecommunication and data technology	P9202535	8/4/92	212.958	11/22/96
	91-030	HU	Cable Sleeve	9202002			12/6/92
	92-019	HU	Method for elctronically labelling articel	P9303215	11/12/93		
	93-023	HU	Connection block for high speed transmission in the telecommunication and data system	P9402196	7/26/94	216922	1/21/00
	93-030	HU	Terminal block	P9402452	8/25/94	218129	
	93-040	HU	Process for reducing the tearability of a thermally shrinkable web	P9400781	3/17/94		
	94-031	HU	Protection plug	9501908	6/28/95	215046	12/8/98
	95-012	HU	Distribution device for telecommunications and data technique	P9602400	9/2/96	218951	10/10/00
	95-016	HU	Terminal block for high transmission rates	P9602638	9/26/96	220819	3/18/02
	96-002	HU	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	P9700597	3/17/97		
	96-011	HU	High density high performance connector	P9700901	5/14/97		
	96-018	HU	Clamping device	P9701949	11/10/97		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-019	HU	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	P9701950	11/10/97		
	96-025	HU	Wall for the casing or the door of a cabinet, especially for electric or electronic assemblies	P9700952	5/27/97	220916	4/17/02
	97-008	HU	Arrangement of contact pairs for compensation of near-end crosstalk	P9800453	3/3/98		
	97-018	HU	Overvoltage protection plug with fail-safe device	9801082	5/13/98		
	98-013	HU	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	P0105009	5/12/99	224083	3/23/05
	98-024	HU	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-025	HU	Shielding device for connection strips in telecommunications and data engineering	PCT/EP99/07756	10/14/99		
	99-006	HU	Device for mounting terminal strips for telecommunication, control power and data technology	PCT/EP00/01685	2/29/00		
	99-017	HU	Connecting cable with an electrical plug connection	P0204061	11/16/00	223292	3/23/04
	MP1064	HU	Optical Fiber Distribution Network	4770/86	8/6/86		
	MP1431	HU	Hybrid Fiber In The Loop Telephony System	P9402522	2/22/93		
	NC019	HU	Telecommunications Terminal		2/7/95		
02316.3882HUEP	E-TO-00009	HU	Electrical Connector with Crosstalk Compensation	05849935.1	12/16/05	1829168	5/14/08
02316.3999HUW2	MP1374C	HU	Gel Filled Modular Electrical Connecting Block	P9502191	1/12/94		
2316.1006/01		HU	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	P0105031	1/3/00		
2316.1007/I1		HU	TELECOMMUNICATIONS JACK ASSEMBLY	P0105197	1/4/00		
2316.1687/I1		HU	COUPLER FOR CABLE TROUGH	P0501065	3/21/03		
2316.1838/P2		HU	FIBER ACCESS TERMINAL	05728278.2	3/8/05	E 010071	2/18/11
2316.2298/U1		HU	OPTICAL FIBER DROP TERMINAL	10178297.7	11/2/05	E019167	7/31/13
15672		HU	AUTOMATIC TOOL FOR MICRO-CONNECTOR	9401861	6/21/94		
40108		HU	DATA COMMUNICATION OUTLET KIT	PI9400841	3/23/94		
WR147		HU	Modified Ezam Cable Duct Seal For Vault Closure				
WR148		HU	Hand Operated Multiple Wire Connector With Guide Slots				

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR155		HU	Silicone Rubber Seal For Box	P9500411	8/11/93		
WR165		HU	Catv Box For In-Line/Butt Connection	P9600461	8/23/94	218956	10/10/00
WR166		HU	Shaped Silicone Rubber Seal For Uteic Closure	P9600460	8/23/94		
WR168		HU					
WR171		HU	Catv Tap With Switch	P9702206	9/26/95		
WR172		HU	Catv Tap With Power Tap-Off	P9702204	9/26/95		
100.1239		ID	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE				
100.1239		ID	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE	P00201500362	6/25/13		
2316.0172		ID	OPTICAL SWITCH	13,549	5/6/89		
2316.0172		ID	OPTICAL SWITCH	POO3964	7/29/92		
2316.1888		ID	CABLE WITH OFFSET FILLER	W-00200601163	10/14/04		
2316.1888		ID	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	W-00200601164	10/14/04		
2316.1892		ID	Cable with twisting filler and shared sheath	W-00200302262	4/16/02		
2316.1906		ID	Cable with twisting filler	W00200100537	8/6/99		
2316.3395		ID	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	P-00201405560	2/20/13		
2316.3528		ID	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	P00201500198	7/10/13		
2316.3597		ID	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
2316.3625		ID	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
2316.3627		ID	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
	NC012	ID	Fiber Optic Splice Closure				
	00-004	ID	Duplex connector for fiber clips	W00200202368	3/21/01	ID0014972	12/28/04
	00-008	ID	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	W00200202801	5/30/01	ID P0032929 B	2/12/13
	00-009	ID	Connection module with overvoltage device	W00200202800	5/30/01	ID P0028844 B	8/1/11
	00-015	ID	Electrical Connector	W00200300268	7/26/01		
	00-017	ID	Coupling device for glass fiber connectors	W00200300608	9/21/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-018	ID	Plastic patch panel	W00200300617	9/24/01	ID0018533	12/18/06
	00-019	ID	Optical Fibre Connection Housing	W00200300616	9/24/01		
	01-004	ID	Universal adapter	W00200400314	7/27/02	ID0019473	6/29/07
	01-005	ID	Strain relief device for a Plug Connector for Communications and Data technology	W00200400423	8/12/02		
	01-007	ID	Terminal block	W00200400655	9/13/02	ID 0017555	6/6/06
	02-006	ID	Patch Cord Connector	PCT/EP03/07675	7/16/03		
	03-002	ID	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	W00200500240 4	2/27/04		
	03-003	ID	Overvoltage protection magazine for a telecommunications device	WO00200502752	3/26/04	ID P0029783 B	12/27/11
	05-005	ID	Plug connection	W00200703269	3/1/06	P0032906	2/8/13
	05-010	ID	Protective plug for distribution frame devices for telecommunications and data technology	W00200704120 PCT/EP	6/13/06		
	81-135	ID	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	P-002800	4/25/92		
	82-035	ID	Terminal element for cable wires and drop wire cables	P-002798	4/25/92	ID0001748	6/6/97
	83-040	ID	A terminal strip	P-003047	5/12/92		
	84-147	ID	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	P-003048	5/21/92		
	85-003	ID		P-002864	5/2/92		
	86-064	ID	A casing, particulary a junction-box casing for telecommunications engineering	P-003049	5/21/92		
	87-077	ID	Device for holding connector banks in telecommunication systems	P-003051	5/21/92	ID 0000503	3/4/96
	88-086	ID	Tool for connecting cable wires	P-002797	4/25/92	ID 0000517	3/7/96
	88-088	ID	Protective plug for connector or disconnector banks	P-002799	1/19/89	ID0000949	9/24/96
	89-010	ID	Wire connector for cable wires, in particular of telecommunication cables	P-000574	10/12/91	ID 0001128	11/20/96
	89-102	ID	Shield connecting element for a connector bank	P-000707	10/29/91	ID 0000787	7/9/96
	90-006	ID	Connecting block for the telecommunication and data technology	P-001568	1/21/92	ID0001119	11/18/96

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-011	ID	Terminal block for telecommunications systems	P-001567	1/21/92	ID 0000518	3/7/96
	90-012	ID	Cutting Clamping Contact	P-001614	1/21/91	ID0007110	11/29/01
	90-015	ID	Protective circuit and protective device plug for telecommunication installations	P-000575	10/12/91	ID0001021	10/18/96
	91-010	ID		P-003588	7/11/92		
	91-013	ID	Terminal bank for the telecommunication and data technology	P-004606	8/22/92		
	91-014	ID	Cutting and clamping sleeve contact	P-004708	9/12/92		
	92-004	ID	Case, in particular cable branching case	P-005582	2/27/93		
	92-013	ID	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	P-006409	7/29/93	ID0002797	6/18/98
	92-024	ID	Signal-connector with capacitive adjustment for improved crosstalk parameters	P-007020	11/15/93	ID0004276	8/24/99
	92-025	ID	Method and arrangement for optically representing information	P-007194	12/11/93		
	93-005	ID	Closing device for the door of a casing	P-940144	1/27/94		
	93-020	ID	Termination module	P-941035	6/28/94		
	93-023	ID	Connection block for high speed transmission in the telecommunication and data system	P-941232	7/26/94	ID0004261	9/13/99
	93-030	ID	Terminal block	P-941607	9/23/94		
	93-032	ID	Electrical Plug Connector	P-941679	10/5/94		
	93-034	ID	Termination unit for telecommunication and data lines	P-942135	12/9/94	ID0001469	4/7/97
	93-040	ID	Process for reducing the tearability of a thermally shrinkable web	007.060			
	94-012	ID	Obliquely disposed insulation displacement contact	P-950473	3/28/95		
	94-018	ID	Automatic distribution device for telecommunication and data lines	P-951102	6/15/95	ID0004049	7/22/99
	94-021	ID	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	P-951244	6/30/95		
	94-031	ID	Protection plug	P-951970	9/29/95		
	94-032	ID	Terminal element	P-952021	10/5/95	ID0007674	4/9/02
	94-035	ID	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	P-952275	11/2/95	ID0004201	8/23/99

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	95-009	ID	Switching field	P-962315	8/15/96		
	95-010	ID	Electrical Connector	P-962403	8/23/96	ID0009149	11/4/02
	95-012	ID	Distribution device for telecommunications and data technique	P-962738	9/27/96		
	95-013	ID	Termination device for the telecommunication and data technique	P-962734	9/27/96		
	95-016	ID	Terminal block for high transmission rates	P-962735	9/27/96	ID0008016	5/27/02
	95-019	ID	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	P-962737	9/27/96		
	95-020	ID	Automatic re-arrangement and distribution device for telecommunication and data lines	P-962736	9/27/96		
	96-001	ID	Electronic access control and security system	P-970695	3/6/97		
	96-002	ID	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	P-970818	3/14/97		
	96-005	ID	Management-capable splice cassette	P-970797	3/13/97	ID0008948	10/10/02
	96-011	ID	High density high performance connector	P-971676	5/21/97		
	96-013	ID	Connecting terminal	P-973408	10/10/97		
	96-018	ID	Clamping device	P-973728	11/21/97		
	96-019	ID	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	P-973729	11/21/97	ID0008151	6/18/02
	96-020	ID	Terminal, isolating or connecting strip	P-973848	12/9/97	ID0009238	11/11/02
	97-002	ID	Outdoor housing	P-980329	3/6/98		
	97-003	ID	Protection Plug	P-980280	2/27/98		
	97-008	ID	Arrangement of contact pairs for compensation of near-end crosstalk	P-980318	3/4/98		
	97-012	ID	Distribution block for telecommunication and data technology	P-980340	3/9/98		
	97-013	ID	Stationary housing with wall elements made of plastic	P-980349	3/10/98		
	97-016	ID	Overvoltage protection module	P-980685	5/8/98		
	97-018	ID	Overvoltage protection plug with fail-safe device	P-980768	5/26/98		
	98-002	ID	Support body for an electrical contact arrangement	W20001418	1/21/99		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-010	ID	Electrical Connector	P-990352	4/20/99		
	98-013	ID	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	W20002380	5/12/99		
	98-022	ID	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-023	ID	Electrical Connector	P-990699	7/23/99		
	98-024	ID	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-025	ID	Shielding device for connection strips in telecommunications and data engineering	W00200101102	10/14/99	IDP0022838B	2/13/09
	99-006	ID	Device for mounting terminal strips for telecommunication, control power and data technology	PCT/EP00/01685	2/29/00		
	99-017	ID	Connecting cable with an electrical plug connection	W00200201305	11/16/00	ID0016893	1/13/06
	MP1493	ID	Aerial, Pedestal, Below Grade, Or Buried Optical Fiber Closure	P950103	1/26/95		
	NC004	ID	Telecommunications Terminal Block	P004828	10/10/92		
	NC006	ID	Gas Tube Vent-Safe Device	006249	6/30/93		
	NC008	ID	Surge Arrestor Fail Safe Thermal Overload Mechanism	006242	6/28/93		
	NC009	ID	Connector Ground Clip	941831	10/27/94		
	NC019	ID	Telecommunications Terminal	P 950083	1/23/95		
02316.3413IDWO	TO-00509	ID	Optical Fiber Alignment Device	P-00201405241	2/6/13		
02316.3597IDWO		ID	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
02316.3625IDWO		ID	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.3627IDWO		ID	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
2316.1910/WO		ID	Communication wire	0501015	9/8/03		
2316.2584/P1		ID	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	W-00200903421	5/6/08	IDP0032645	12/21/12
2316.2584/P2		ID	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	W-00201000722	8/5/08	ID P0032388	11/27/12

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2584/P4		ID	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	W-00201000723	9/4/08	ID P0031848	9/24/12
15618		ID	ELECTRICAL CONNECTOR WITH SLOTTED BEAM CONTACT	P950004	1/4/95		
15672		ID	AUTOMATIC TOOL FOR MICRO-CONNECTOR	P-941091	7/4/94		
15700		ID	NETWORK INTERFACE DEVICE MODULE PROVIDING SEALED CUSTOMER ACCESSIBLE TEST PORT	P-950197	2/9/95		
100.0057		IE	CONTROL AND COMMUNICATIONS APPARATUS	94930586.6	10/4/94	0 722 638	12/18/02
100.0937		IE	Distribution of radio-frequency signals through low bandwidth infrastructures	97922450.8	4/18/97	0 894 369	2/18/04
100.0972		IE	Cellular base station with intelligent call routing	96913256.2	4/29/96	0 824 836	7/11/01
2316.0488		IE	HIGH-DENSITY FIBER DISTRIBUTION FRAME	95903533.8	11/16/94	0 740 803	1/27/99
2316.0786		IE	FIBER CONNECTOR AND ADAPTER	03004353.3	5/14/98	1331496	1/4/06
2316.0974		IE	FIBER OPTIC CABINET AND TRAY	99943934.2	8/25/99	1116062	7/16/08
2316.1009		IE	DSX MODULE WITH REMOVABLE JACK	00920005.6	3/31/00	1 169 753	5/14/03
2316.1289		IE	LOW PROFILE CABLE EXIT TROUGH	01987552.5	10/29/01	1372991	4/26/06
2316.1481		IE	DSX JACK INCLUDING SLIDING REAR CONNECTOR	02762071.5-1528	4/11/02	1391010	1/24/07
2316.1599		IE	FIBER TERMINATION BLOCK WITH ANGLED SLIDE	02782279.0	11/7/02	1446691	6/24/09
	00-018	IE	Plastic patch panel	01985780.4	9/24/01	1322981	7/14/04
	03-010	IE	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	09-011	IE	Terminal strip	10712336.6	3/26/10	2441128	3/12/14
	00-019	IE	Optical Fibre Connection Housing	01982343.4-1524	9/24/01	1329011	8/31/05
	MP0192	IE	Heat-Recoverable Article With Self-Contained Heater	2087/75	9/24/75	43757	9/16/81
	MP0192	IE	Heat-Recoverable Article With Self-Contained Heater	793/79	9/24/75	43758	9/16/81
	00-001	IE	Shielding device for terminal blocks	00126936.4	12/8/00	1117158	2/13/08
	00-002	IE	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-004	IE	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-008	IE	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-009	IE	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-012	IE	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-013	IE	Connection module	01117086.7	7/13/01		
	00-015	IE	Electrical Connector	01956564.7-2217	7/26/01	1312137	5/25/05
	00-017	IE	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05
	01-004	IE	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	01-005	IE	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	02-003	IE	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	03-001	IE	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	03-003	IE	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-004	IE	Glass-fiber coupler module	04723539.5	3/26/04	1613993	12/5/07
	03-006	IE	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-013	IE	Construction kit for distribution cabinets	04006018.8	3/12/04	1458073	1/3/07
	04-012	IE	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	IE	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	IE	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	IE	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	80-128	IE	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	352/81	2/20/81	51102	10/1/86
	80-129	IE	A twin contact terminal element	524/81	3/10/81	50823	10/29/86
	80-132	IE	A self supporting terminal element	329/81	2/18/81	51101	1/7/87
	81-135	IE	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	1959/82	8/12/82	53733	5/3/89
	82-030	IE	Modular plug connector	2750/82	11/18/82	53938	8/2/89
	83-140	IE	A cable distribution head	2758/83	11/24/83	54884	6/27/90
	83-142	IE	A heat protection device for over-voltage arrester magazines	1404/84	6/5/84	55525	2/6/91

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	87-077	IE	Device for holding connector banks in telecommunication systems	1576/88	5/25/88	61192	10/7/94
	88-006	IE		948/88	3/29/88	61991	
	88-088	IE	Protective plug for connector or disconnector banks	117/89	1/16/89	63161	3/8/95
	88-095	IE	Contact member of electrical conductors	1771/89	6/12/89	64301	7/10/95
	90-011	IE	Terminal block for telecommunications systems	1118/91	4/3/91	66348	12/6/95
	90-012	IE	Cutting Clamping Contact	1423/91	4/26/91	66349	12/6/95
	90-015	IE	Protective circuit and protective device plug for telecommunication installations	2190/91	6/24/91	64363	7/12/95
	91-001	IE		920074	1/9/92		
	91-010	IE		921678	7/1/92		
	91-011	IE	Insulation displacement contact terminal	922555	7/31/92	78623	2/9/98
	91-013	IE	Terminal bank for the telecommunication and data technology	922448	7/27/92		
	91-014	IE	Cutting and clamping sleeve contact	922569	8/6/92		
	91-022	IE	Switching assembly for glass fibre cables of the telecommunication and data technology	92/2563	8/5/92	81606	2/13/01
	92-004	IE	Case, in particular cable branching case	92120714.8	12/4/92		
	92-006	IE	Cutting and clamping Terminal Element	93101539.0	2/2/93	0558937	1/3/96
	92-009	IE			2/24/93		
	92-013	IE	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	93106602.1	4/23/93	0582779	1/3/96
	92-014	IE	Split flap display device	93110150.5	6/25/93	0583577	1/3/96
	92-015	IE	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	93112697.3	8/7/93		
	92-019	IE	Method for elctronically labelling articel	93250311.3	11/10/93		
	92-021	IE		93115054.4	9/18/93	0601290	6/4/97
	92-022	IE	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	93114996.7	9/17/93	0601289	11/27/96
	92-024	IE	Signal-connector with capacitive adjustment for improved crosstalk parameters	93113952.1	9/1/93	0598192	1/8/97

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-025	IE	Method and arrangement for optically representing information	93114019.8	9/2/93		
	92-026	IE	Method and arrangement for establishing networks of electro-optical display-field modules	93116523.7	10/13/93		
	93-006	IE		931119488.0	12/3/93		
	93-008	IE	Termination device for the communication and data technique	93119249.6	11/30/93		
	93-009	IE	Distribution device, in particular for the main distribution device of telephone and data lines	93119583.8	12/4/93	0618741	3/18/98
	93-015	IE	Cable branching device	94103854.9	3/14/94	0623832	5/27/98
	93-017	IE	Method for monitoring the filing levels of material of value collection containers	94105657.4	4/13/94		
	93-023	IE	Connection block for high speed transmission in the telecommunication and data system	94108404.8	6/1/94	0637097	9/2/98
	93-028	IE	Clamping Terminal unit	94112249.1	8/5/94	0643454	1/14/98
	93-030	IE	Terminal block	94113179.3	8/24/94	0645841	11/11/98
	93-032	IE	Electrical Plug Connector	94114414.9	9/14/94		
	93-033	IE		94114068.3	9/8/94		
	93-034	IE	Termination unit for telecommunication and data lines	94116632.4	10/21/94	0660458	2/13/02
	93-036	IE	Coupling device between a glass fibre and a dielectric waveguide	94117310.6	11/3/94		
	94-003	IE	Digital electronic Loop Crossconnect & Carrier System	94117980.6	11/25/94		
	94-005	IE	Separation spark gap for limiting the maximum voltage on a surge arrester	94118945.8	12/1/94	0665619	3/5/97
	94-006	IE	Winding cartridge	94108836.1	6/9/94		
	94-007	IE	Insulation displacement contact element	94117060.7	10/28/94	0665614	4/19/00
	94-009	IE		94119809.5	12/15/94	0667650	9/9/98
	94-012	IE	Obliquely disposed insulation displacement contact	95100738.4-2214	1/20/95	0675564	9/30/98
	94-015	IE	Housing for optical components	95102617.8	2/24/95	0679917	1/19/00
	94-018	IE	Automatic distribution device for telecommunication and data lines	95106047.4	4/22/95		
	94-019	IE	Distribution apparatus, particularly for the main distributor of telecommunications or data lines	95107287.5	5/13/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-021	IE	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95105067.3	4/5/95	0690539	7/7/99
	94-022	IE	Electrical Plug Connector	95106785.9	5/5/95	0693801	8/26/98
	94-025	IE	Printed Circuit Board for Connectors	95108378.1	6/1/95	0697804	2/9/00
	94-026	IE	Flip-over Display Module	95109294.9	6/16/95		
	94-027	IE	Manufacturing process for structured metal plating on surfaces	94113917.2	9/6/94	0643153	6/19/96
	94-031	IE	Protection plug	95109298.0	6/16/95	0706194	9/3/97
	94-032	IE	Terminal element	95109771.6	6/23/95	0706234	11/24/99
	94-035	IE	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	95111172.3	7/15/95		
	94-036	IE	Cable protection element	95106431.0	4/28/95		
	94-037	IE	19"Racking system	95106430.2-2207	4/28/95		
	95-006	IE	Electrical Connectors	96105422.8	4/4/96		
	95-009	IE	Switching field	96112250.4-2302	7/30/96	0758792	10/17/01
	95-010	IE	Electrical Connector	96112491.4	8/2/96	0759648	3/26/03
	95-012	IE	Distribution device for telecommunications and data technique	96113135.6	8/16/96		
	95-013	IE	Termination device for the telecommunication and data technique	96114423.5-2209	9/10/96		
	95-016	IE	Terminal block for high transmission rates	96111904.7-2308	7/24/96	0766352	11/29/00
	95-017	IE	Connecting device for telecommunication and data technique	96110940.2-2308	7/6/96		
	95-019	IE	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96113454.1-2209	8/22/96		
	95-020	IE	Automatic re-arrangement and distribution device for telecommunication and data lines	96115100.8	9/29/96		
	95-022	IE	Main distribution frame MDF	96920705.9	6/26/96		
	96-001	IE	Electronic access control and security system	97101244.8	1/28/97		
	96-002	IE	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97101240.6	1/28/97	0797379	9/18/02
	96-005	IE	Management-capable splice cassette	97101253.9	1/28/97		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-006	IE	Earthing module	97104914.3-2308	3/22/97		
	96-007	IE	Termination tool	97104913.5-2308	3/22/97		
	96-011	IE	High density high performance connector	97108131.0	5/20/97		
	96-013	IE	Connecting terminal	97111592.8	7/9/97	0837525	11/8/00
	96-018	IE	Clamping device	97118901.4	10/30/97	0844694	3/1/00
	96-019	IE	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-020	IE	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	96-021	IE	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	97118903.0	10/30/97	0849850	7/11/01
	97-002	IE	Outdoor housing	98102656.0	2/17/98	0863593	8/29/01
	97-003	IE	Protection Plug	98102655.2	2/17/98	0862197	6/9/99
	97-008	IE	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-011	IE	Cable fastening	98102653.7	2/17/98		
	97-012	IE	Distribution block for telecommunication and data technology	98103424.2	2/27/98		
	97-013	IE	Stationary housing with wall elements made of plastic	98103423.4	2/27/98		
	97-016	IE	Overvoltage protection module	98107492.5	4/24/98		
	97-017	IE	Safety Plug (Terminator)	98107586.4	4/25/98		
	97-018	IE	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-019	IE	Interface module	98107578.1	4/25/98		
	97-022	IE		98114148.4	7/29/98		
	97-023	IE	Method for designing a telecommunications and data network	98948732.7	8/6/98		
	97-025	IE	Casing	98117540.9	9/16/98	0910146	5/25/05
	97-028	IE	Apparatus for connecting cable cores	98119013.5	10/8/98		
	97-030	IE	High Frequency Cable	98964444.8	11/27/98		
	97-031	IE	Electrical power outlet with IDC connections	98121647.6	11/12/98	0921611	6/4/03
	97-032	IE	Patch Panel with retractable patch cord	98123266.3	12/7/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-001	IE	Optical fibre connector	98960871.6	12/8/98		
	98-002	IE	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-004	IE	Casing	99101294.9	1/25/99	0938163	4/27/05
	98-005	IE	Clamping element for cable shielding	99104341.5	3/4/99	0944132	12/20/00
	98-010	IE	Electrical Connector	99107064.0	4/10/99	0952635	8/24/05
	98-013	IE	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	IE	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-023	IE	Electrical Connector	99112489.2	7/1/99		
	98-024	IE	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	98-025	IE	Shielding device for connection strips in telecommunications and data engineering	99952571.0	10/14/99	1133814	6/19/02
	99-001	IE	Connection element for cable conductor	99121852.0	11/4/99	1018786	9/19/01
	99-002	IE	Surge arrester mounting unit for telecommunications and data systems equipment	99121037.8	10/21/99		
	99-006	IE	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07
	99-007	IE	Connector element with closure device	00916921.0	3/10/00		
	99-009	IE	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-010	IE	Traction relief device for a wire	00110099.9	5/13/00		
	99-014	IE	Frontpanel for LWL-modules	00115726.2-2205	7/21/00		
	99-017	IE	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	99-018	IE	Electrical Connector	00124720.4	11/13/00		
	99-019	IE	Distribution cabinet	99121185.5	10/22/99	1047167	9/17/03
	ITRACS001	IE	A System for Monitoring Connection Pattern of Data Ports	00919250	4/5/00	1173811	9/13/06
	ITRACS001	IE	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
	ITRACS001	IE	Data Cable for Monitoring Connection Pattern of Data Ports	06019065.9	4/5/00	1758028	3/17/10
	MP0766	IE	Fiber Optic Splicing	983/82	4/27/82		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0781COM	IE	Flat Sheet Closure & Method	2189/82	9/8/82		
	MP1018	IE	Splice Case	14/86	1/3/86	58189	7/28/93
	MP1064	IE	Optical Fiber Distribution Network	1867/86	7/11/86		
	MP1374C	IE	Gel Filled Modular Electrical Connecting Block	94906610.4	1/12/94	0680666	6/9/99
	NC004	IE	Telecommunications Terminal Block	92922043.2	10/5/92	0685119	1/20/99
	NC044	IE	Fiber Optic Splice Closure Including Side Pivoting Slack Storage Holder And Associated Methods	99971929.7	11/12/99	1137962	1/14/04
2316.1687/I1		IE	COUPLER FOR CABLE TROUGH	03745587.0	3/21/03	1490937	5/5/10
TYCEO/P32112EP	NC059	IE	Low Profile Optical Fibre Network Interface Enclosure	01204160.4	10/30/01	1203974	2/1/06
40484		IE	TWISTED PAIR CABLE AND CONNECTOR ASSEMBLY	97102403.9	2/14/97	793305	9/11/02
WR156		IE	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	93919538.4	9/14/93		
WR160		IE	Catv Splitter With Variable Attenuation	94903960.6	1/6/94		
WR163		IE	Uteic With Dust Flap	94919793.3	7/8/94		
WR164		IE	Uteic Cable Gripper With Self-Centring	94902984.7	1/6/94		
WR166		IE	Shaped Silicone Rubber Seal For Uteic Closure	94924915.5	8/23/94		
WR168		IE		94931106.2	10/27/94		
WR172		IE	Catv Tap With Power Tap-Off	95932823.8	9/26/95		
100.0053		IL	MICROCELLULAR COMMUNICATIONS SYSTEM WITH CENTRALIZED BASED STATIONS AND DISTRIBUTED ANTENNA UNITS	No Serial No.	4/4/94		
100.0056		IL	PROTECTION SWITCHING APPARATUS AND METHOD	111,189	10/6/94	111,189	11/20/97
100.0057		IL	CONTROL AND COMMUNICATIONS APPARATUS	111,190	10/6/94	111,190	4/5/98
100.0381		IL	METHOD AND APPARATUS FOR DETECTING THE COLLISION OF DATA PACKETS	74,358	2/17/85	74,358	2/17/85
100.0382		IL	EDGE-EMITTING LIGHT EMITTING DIODE	74,437	2/24/85	74,437	2/24/85
100.0723		IL	Reverse link antenna diversity in a wireless telephony system	134,093	6/4/99		
100.0738		IL	Simulcast with hierarchical cell structure overlay	XX	3/17/99		
100.0739		IL	BROADCAST DOWNLOAD TECHNIQUE	146,359	5/19/00		
100.0740		IL	IMPROVED REVERSE PATH AUTOGAIN CONTROL	146,358	5/19/00		
100.0757		IL	Optical simulcast network with centralized call processing	134,704	2/23/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0758		IL	GAIN EQUALIZATION FOR OPTICAL FIBER DISTRIBUTION NETWORK	135,030	3/13/00		
100.0760		IL	Architecture for signal distribution in wireless data network	135,753	4/19/00		
100.0765		IL	System and method for retransmission of data				
100.1153		IL	DISTRIBUTED ANTENNA SYSTEM (DAS) WITH DELAYED TRANSPORT TO PAIRED ANTENNAS	214610	2/9/10		
500.0822		IL	VISUAL DATA INTEGRATION SYSTEM AND METHOD	139,007	4/15/99		
2316.0019		IL	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSING	75,982	7/31/85	75,982	10/28/90
2316.0051		IL	MODULAR DISTRIBUTION FRAME	76,806	10/24/85	76,806	10/28/90
2316.0074		IL	MODULAR INTERCONNECT BLOCK WITH PROTECTOR STRUCTURE	78,006	12/27/86	78,006	12/11/89
2316.0082		IL	MODULAR DISTRIBUTION FRAME WITH PROTECTOR STRUCTURE	78,867	5/21/86		
2316.0095		IL	JACK DEVICE	80,953	12/15/86	80,953	7/30/90
2316.0097		IL	INSERTION TOOL TIPS	80,303	10/15/86		
2316.0100		IL	MULTIGAUGE-MULTIWIRE INSULATION DISPLACEMENT TERMINAL	80,375	10/21/86	80,375	10/14/90
2316.0106		IL	LOW RF EMISSION FIBER OPTIC TRANSMISSION SYSTEM	82,528	5/14/87		
2316.0114		IL	TERMINAL TEST PLUG	81,453	2/2/87	81,453	11/5/90
2316.0117		IL	ELECTRICAL CONNECTOR	83,057	7/1/87	83,057	3/1/91
2316.0118		IL	WIRE DISTRIBUTION APPARATUS	82,527	5/14/87	82,527	11/5/90
2316.0145		IL	JACK ASSEMBLY	96,657	12/13/90	96,657	11/27/94
2316.0172		IL	OPTICAL SWITCH	90,135	5/1/89	90,135	1/25/94
2316.0204		IL	DIGITAL CROSS CONNECT ASSEMBLY	094234	4/27/90	94,234	9/25/90
2316.0212		IL	OPTICAL FIBER STORAGE CONTAINER	094235	4/27/90	94,235	4/15/93
2316.0237		IL	FIBER OPTIC CONNECTOR MODULE	98,054	5/3/91		
2316.0249		IL	OPTICAL SWITCH ASSEMBLY	96,929	1/11/91	96,929	1/25/94
2316.0253		IL	OPTICAL SWITCH WITH REDUCED REFLECTION	96,978	1/20/91	96,978	1/22/93
2316.0266		IL	METHOD FOR CONSTRUCTING OPTICAL SWITCH	96,977	1/20/91	96,977	9/22/93
2316.0288		IL	JACK ASSEMBLY	97,886	4/17/91	97,886	9/25/94

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0786		IL	FIBER CONNECTOR AND ADAPTER	132,811	5/14/98	132,811	1/2/04
2316.0786		IL	FIBER CONNECTOR AND ADAPTER	141,818	9/1/99	141,818	12/1/05
2316.0786		IL	FIBER CONNECTOR AND ADAPTER	153,141	5/14/98	153,141	11/21/06
2316.1010		IL	MICROELECTROMECHANICAL OPTICAL SWITCH AND METHOD OF MANUFACTURE THEREOF	148039	8/1/00	148039	12/23/09
2316.1733		IL	SYSTEMS AND METHODS FOR AUTOMATIC ASSIGNMENT OF IDENTIFICATION CODES AND DEVICES	168832	11/25/03	168832	9/1/10
2316.1888		IL	CABLE WITH OFFSET FILLER	175307	10/14/04		
2316.1888		IL	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	175308	10/14/04		
2316.1892		IL	Cable with twisting filler and shared sheath	158,318	4/16/02		
2316.1906		IL	Cable with twisting filler	141,301	8/6/99		
2316.2665		IL	Asymmetric Compensation for Improved Alien Crosstalk Performance	205598	2/12/09		
2316.2666		IL	Improved Far End Crosstalk Compensation	205597	2/12/09		
2316.3395		IL	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	234199	2/20/13		
2316.3399		IL	FIBER OPTIC ADAPTER BLOCK	233673	1/11/13		
	00-008	IL	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	153126	5/30/01	153126	3/11/07
	00-009	IL	Connection module with overvoltage device	153137	5/30/01	153137	5/12/09
	02-005	IL	Distribution box connection module for telecommunications and data technology	166667	7/18/03	166667	10/1/10
	04-002	IL	Plug connector for printed circuit boards	178177	3/19/05	178177	2/1/14
	08-030	IL	Apparatus for accommodating components from telecommunications and data technology	213020	10/27/09		
	11-007	IL	Distribution strip and distribution block comprising at least two distribution strips	229024	3/28/12		
	11-005	IL	Distribution connection module	229025	12/2/11		
	05-010	IL	Protective plug for distribution frame devices for telecommunications and data technology	188149 PCT/EP2006/0	6/13/06		
	MP0192	IL	Heat-Recoverable Article With Self-Contained Heater	48181	9/25/75	48181	4/1/81

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0192	IL	Heat-Recoverable Article With Self-Contained Heater	55842	9/25/75	55842	4/1/81
	MP1508	IL	Solid State, Resettable Overcurrent Protection Device	115797	10/27/95		
	08-032	IL	Bottom plate with sealing blocks	205646	3/3/09		
	00-004	IL	Duplex connector for fiber clips	151822	3/21/01	151822	12/21/07
	00-007	IL	Electrical connector with spaced contact portions	152178	4/25/01		
	00-015	IL	Electrical Connector	154138	7/26/01	154,138	10/9/08
	00-017	IL	Coupling device for glass fiber connectors	155048	9/21/01	155048	5/10/08
	01-004	IL	Universal adapter	160062	7/27/02	160062	7/20/10
	03-002	IL	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	170756	2/27/04	170756	9/1/12
	03-009	IL	Wall outlet box	175233	10/8/04		
	03-010	IL	Distribution device for communications and data technology	175354	11/12/04		
	04-010	IL	Distribution board connection module	182966	10/31/05		
	04-011	IL	Distribution board connection module	182965	10/31/05		
	04-012	IL	Plug-in connector for printed circuit boards	182961	10/31/05	182961	2/1/11
	05-005	IL	Plug connection	186306	3/1/06		
	07-025	IL	Connecting strip and contact element for telecommunications and data technology	202240	5/16/08		
	07-042	IL	Double-walled housing with improved heat-dissipating functional-area walls	205645	11/26/08		
	75-118	IL		49921	6/28/76	49921	9/2/79
	81-135	IL	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	66504	8/10/82	66504	12/17/87
	82-030	IL	Modular plug connector	66772	9/13/82	66772	7/3/88
	82-139	IL	Clamping element for connecting electric conductors without welding, screwing and baring	69511	8/17/83	69511	11/1/88
	83-140	IL	A cable distribution head	70351	11/30/83	70351	7/1/87
	83-145	IL	Optical main distributor	70055	10/26/83	70055	5/1/87

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	84-147	IL	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	72438	12/1/88	72438	12/1/88
	85-003	IL		79000	6/2/86	79000	
	86-019	IL	Connector bank for cable wires, in particular for telephone cables	82187	4/10/87	82187	10/11/91
	86-064	IL	A casing, particulary a junction-box casing for telecommunications engineering	82504	5/13/87	82504	12/18/90
	86-069	IL	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	84501	11/17/87	84501	10/2/91
	87-077	IL	Device for holding connector banks in telecommunication systems	86484	5/24/88	86484	11/19/93
	88-086	IL	Tool for connecting cable wires	88408	11/17/88	88408	10/16/92
	88-087	IL		88221	10/28/88	88221	
	88-088	IL	Protective plug for connector or disconnector banks	89277	2/14/89	89277	12/1/95
	88-091	IL	Receiving pre-amplifier for an optical telecommunication line	89629	3/16/89	89629	2/16/91
	88-095	IL	Contact member of electrical conductors	90611	6/14/89	90611	12/23/93
	89-102	IL	Shield connecting element for a connector bank	92718	12/15/89	92718	5/23/93
	90-006	IL	Connecting block for the telecommunication and data technology	97325	2/22/91	97325	1/22/95
	90-011	IL	Terminal block for telecommunications systems	97635	3/21/91	97635	9/12/93
	90-012	IL	Cutting Clamping Contact	98066	5/6/91	98066	7/13/94
	90-015	IL	Protective circuit and protective device plug for telecommunication installations	98669	6/26/91	98669	6/19/97
	91-014	IL	Cutting and clamping sleeve contact	102690	7/31/92	102690	4/21/96
	92-010	IL		105025	3/11/93		
	92-013	IL	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	106095	6/22/93	106095	2/2/97
	93-008	IL	Termination device for the communication and data technique	105857	5/31/93	105857	12/13/96
	93-023	IL	Connection block for high speed transmission in the telecommunication and data system	110403	7/21/94	110403	11/16/97
	93-034	IL	Termination unit for telecommunication and data lines	111352	10/21/94	111352	5/10/98

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-015	IL	Housing for optical components	112825	2/28/95	112825	12/31/97
	94-021	IL	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	113323	4/11/95	113323	5/24/98
	94-031	IL	Protection plug	114301	6/23/95	114301	5/24/98
	95-012	IL	Distribution device for telecommunications and data technique	119097	8/19/96	119097	4/2/00
	95-013	IL	Termination device for the telecommunication and data technique	119231	9/10/96		
	95-016	IL	Terminal block for high transmission rates	118996	8/1/96	118996	12/23/99
	96-002	IL	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	120102	1/30/97		
	96-006	IL	Earthing module	120525	3/25/97		
	96-007	IL	Termination tool	120526	3/25/97	120526	1/30/00
	96-011	IL	High density high performance connector	120829	5/14/97	120829	2/3/02
	96-013	IL	Connecting terminal	121258	7/8/97	121258	5/30/00
	96-018	IL	Clamping device	122075	10/30/97	122075	5/12/02
	96-019	IL	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	122076	10/30/97	122076	12/31/00
	96-020	IL	Terminal, isolating or connecting strip	122529	12/9/97	122529	11/14/00
	97-002	IL	Outdoor housing	123267	2/11/98		
	97-003	IL	Protection Plug	123266	2/11/98	123266	10/27/02
	97-008	IL	Arrangement of contact pairs for compensation of near-end crosstalk	123269	2/11/98		
	97-012	IL	Distribution block for telecommunication and data technology	123528	3/3/98		
	97-013	IL	Stationary housing with wall elements made of plastic	123527	3/3/98	123527	3/7/01
	97-016	IL	Overvoltage protection module	124254	4/28/98	124254	9/16/01
	97-018	IL	Overvoltage protection plug with fail-safe device	124255	4/28/98		
	98-013	IL	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	139509	5/12/99	139509	1/3/05
	98-022	IL	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-023	IL	Electrical Connector	130816	7/6/99		
	98-024	IL	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-025	IL	Shielding device for connection strips in telecommunications and data engineering	142652	10/14/99		
	99-017	IL	Connecting cable with an electrical plug connection	149555	11/16/00	149555	6/13/06
	ITRACS001	IL	A System for Monitoring Connection Pattern of Data Ports		4/5/00	145770	11/21/06
	MP0820	IL	Method Of Transmitting UV Light By Optical Fiber	68631	5/9/83		
	MP1064	IL	Optical Fiber Distribution Network	79121	6/16/86		
	MP1511	IL	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	113502	4/26/95		
	NC004	IL	Telecommunications Terminal Block	103366	10/6/92		
	NC009	IL	Connector Ground Clip	111373	10/24/94		
	NC014	IL	Telecommunications Terminal Block	109261	4/8/94		
	NC016	IL	Fiber Optic Splice Closure And Associated Methods	109276	4/11/94		
	NC027	IL	Button Protection Device	117529	3/18/96		
02316.3998IL01	MP1492	IL	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	113065	3/21/95		
2316.1006/01		IL	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	144,211	1/3/00		
2316.1007/I1		IL	TELECOMMUNICATIONS JACK ASSEMBLY	144,210	1/4/00		
2316.1011/I4		IL	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	146,836	5/25/00	146836	5/22/06
2316.1910/WO		IL	Communication wire	167516	9/8/03		
P13.837IL	12-003	IL	Distributor module and method for connecting cores	238375	10/9/13		
15396		IL	IMPROVED SHIELDED ELECTRICAL CONNECTOR	106494	7/27/93	106494	2/2/97
40057		IL	SHIELDED DATA CONNECTOR	104656	2/9/93	104656	11/5/96
WR140		IL	Mechanical Radi Seal	99459	9/12/91	99459	3/6/97
WR160		IL	Catv Splitter With Variable Attenuation	108297	1/7/94	108297	5/10/98
WR164		IL	Uteic Cable Gripper With Self-Centring	108298	1/7/94		
100.0061		IN	MULTI-POINT TO POINT COMMUNICATION SYSTEM	1080CAL96	6/10/96		
100.0062		IN	METHOD OF COMMUNICATION CHANNEL MONITORING	1079/Cal/96	6/10/96		
100.0961		IN	Multiple antenna cellular network	971/Cal/96	5/28/96		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0962		IN	Wireless private branch exchange	2000/00184	1/14/99		
100.0969		IN	Frequency agile transceiver with multiple frequency synthesizers per transceiver	1526/CAL/95	4/29/96		
100.0970		IN	Spread spectrum communication network signal processor	1527/CAL/95	11/27/95		
100.0972		IN	Cellular base station with intelligent call routing	1523/CAL/95	11/27/95	186262	2/15/02
100.0973		IN	CELLULAR NETWORK COMMUNICATION SYSTEM	2001/00353	9/3/99		
100.0974		IN	Method and apparatus for providing intelligent cellular handoff	107/CAL/98	1/20/98		
100.0976		IN	AN OVERLAY CELLULAR COMMUNICATION SYSTEM	122/CAL/2001	3/1/01		
100.0976		IN	Cellular private branch exchanges	1524/CAL/95	11/27/95	186014	1/4/02
100.0977		IN	Configuration-independent methods and apparatus for software communication in a cellular network	1575/CAL/96	9/3/96		
100.0978		IN	HYBRID CELLULAR COMMUNICATION APPARATUS AND METHOD	1574/CAL/96	3/9/96		
100.0979		IN	Cellular Adjunct To A Public Wired Network	1573/CAL/96	9/3/96		
100.0982		IN	METHODS AND APPARATUSES FOR AN INTELLIGENT SWITCH	1525/CAL/95	11/27/95	1850828	11/29/01
100.0983		IN	Private multiplexing cellular network	1589/CAL/97	8/28/97		
100.0984		IN	Wireless co-tenant base station	IN/PCT/00/120	1/14/99		
100.1115		IN	AGGREGATION OF PHYSICAL LAYER INFORMATION RELATED TO A NETWORK	6116/CHENP/2011	2/12/10		
100.1161		IN	INTER-NETWORKING DEVICES FOR USE WITH PHYSICAL LAYER INFORMATION	6176/CHENP/2011	2/12/10		
100.1162		IN	NETWORK MANAGEMENT SYSTEMS FOR USE WITH PHYSICAL LAYER INFORMATION	6117/CHENP/2011	2/12/10		
100.1163		IN	MANAGED CONNECTIVITY DEVICES, SYSTEMS, AND METHODS	6114/CHENP/2011	2/12/10		
100.1239		IN	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE	2956/KOLNP/2014	6/25/13		
500.0822		IN	VISUAL DATA INTEGRATION SYSTEM AND METHOD	200000498	4/15/99		
2316.0172		IN	OPTICAL SWITCH	289/CAL/89	4/20/89		
2316.0488		IN	HIGH-DENSITY FIBER DISTRIBUTION FRAME	1487/DEL/94	11/22/94	189167	10/10/03
2316.0691		IN	SWITCHING COAX JACK DEVICE	772/DEL/98	3/25/98	232095	3/15/09
2316.0786		IN	FIBER CONNECTOR AND ADAPTER	1297/DEL/1998	5/15/98	222426	8/8/08

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1017		IN	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	2001/00704	2/10/00		
2316.1051		IN	HIGH DENSITY PATCHING SYSTEM	2001/00952	4/11/00		
2316.1247		IN	TUNABLE FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	00980/DELNP/2003	12/14/01	233694	4/1/09
2316.1397		IN	CARD EDGE COAXIAL CONNECTOR	3004/DELNP/2004	3/21/03		
2316.1475		IN	CABLE STORAGE SPOOL	01356/2003	3/5/02		
2316.1519		IN	JACK; JACK ASSEMBLY; AND METHODS	00065/2004	7/9/02		
2316.1599		IN	FIBER TERMINATION BLOCK WITH ANGLED SLIDE	01131/CHENP/2004	11/7/02	238936	3/1/10
2316.1605		IN	FRONT ACCESS DSX ASSEMBLY	325/DELNP/2004	9/16/02	251097	2/22/12
2316.1637		IN	TRIAXIAL CONNECTOR ADAPTER AND METHOD	01308/CHENP/2004	1/16/03	239360	3/16/10
2316.1638		IN	TRIAXIAL CONNECTOR INCLUDING CABLE CLAMP	01309/CHENP/2004	1/16/03	237725	1/5/10
2316.1681		IN	FIBER MANAGEMENT MODULE WITH CABLE STORAGE	02388/CHENP/2004	5/20/03		
2316.1685		IN	PRESS-IN PLACE LED FOR A DIGITAL SWITCHING CROSS-CONNECT MODULE	49/KOLNP/2007	6/17/05		
2316.1722		IN	TERMINATED COAXIAL CONNECTOR	357/DELNP/2005	5/7/03	249514	10/24/11
2316.1726		IN	FIBER MANAGEMENT DRAWER AND PATCH PANEL	3888/DELNP/2004	7/17/03		
2316.1744		IN	HIGH DENSITY PANEL WITH ROTATING TRAY	1147/DELNP/2005	9/26/03	249552	10/25/11
2316.1747		IN	POWER DISTRIBUTION PANEL WITH MODULAR INSERTS	2343/DELNP/2005	12/12/03	241373	6/30/10
2316.1780		IN	FIBER CONTAINMENT SYSTEM	5335/DELNP/2005	5/28/04		
2316.1785		IN	TELECOMMUNICATIONS CONNECTION CABINET	88/DELNP/2006	6/18/04	242843	9/15/10
2316.1787		IN	FIBER OPTIC CONNECTOR HOLDER AND METHOD	5701/DELNP/2005	6/23/04	237245	12/11/09
2316.1795		IN	TRIAXIAL BULKHEAD CONNECTOR	5831/DELNP/2005	8/10/04	257594	10/18/13
2316.1801		IN	FIBER OPTIC CABLE AND FURCATION MODULE	511/KOLNP/2006	9/1/04		
2316.1808		IN	JACK WITH MODULAR MOUNTING SLEEVE	901/KOLNP/2006	10/29/04	254536	11/14/12
2316.1822		IN	LONG FRAME HIGH DENSITY PATCHING SYSTEM	50/KOLNP/2007	7/20/05		
2316.1863		IN	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	3557/KOLNP/2006	6/13/05		
2316.1868		IN	HIGH DENSITY COAXIAL SWITCHING JACK	4212/KOLNP/2007	4/7/06		
2316.1869		IN	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	188/KOLNP/2007	9/9/05		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1888		IN	CABLE WITH OFFSET FILLER	1143/KOLNP/2006	10/14/04	259166	2/27/14
2316.1888		IN	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	1219/KOLNP/06	10/14/04		
2316.1892		IN	Cable with twisting filler and shared sheath	1629/CHENP/2003	4/16/02		
2316.1894		IN	Tuned patch cable	2001/01642	5/25/00	208672	8/7/07
2316.1895		IN	Low delay skew multi-pair cable and method of manufacture	2001/01640	5/25/00	211974	11/13/07
2316.1896		IN	Optimizing lan cable performance	2001/01643	5/24/00	210569	10/8/07
2316.1897		IN	Cable assembly with molded stress relief and method for making the same	2001/01641	5/25/00		
2316.1906		IN	Cable with twisting filler	2001/00164	8/6/99		
2316.1912		IN	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	1566/KOLNP/2007	11/2/05		
2316.1954		IN	TELECOMMUNICATIONS CABLE JACKET ADAPTED FOR POST-EXTRUSION INSERTION OF OPTICAL FIBER AND METHODS FOR MANUFACTURING THE SAME	2934/KOLNP/2007	2/9/06		
2316.1955		IN	LOW SHRINK TELECOMMUNICATIONS CABLE AND METHODS FOR MANUFACTURING THE SAME	2714/KOLNP/2007	1/13/06		
2316.2069		IN	LOOP PLUG	2518/KOLNP/2007	1/27/06		
2316.2078		IN	CABLE MANAGEMENT BAR AND PATCH PANEL	3455/KOLNP/2007	3/29/06		
2316.2109		IN	FIBER OPTIC CONNECTOR HOLDER	633/KOLNP/2008	7/20/06		
2316.2113		IN	CABLE TROUGH SYSTEM AND METHOD	1419/KOLNP/2008	9/29/06		
2316.2114		IN	FIBER OPTIC SPLITTER MODULE	4494/KOLNP/2007	5/18/06		
2316.2115		IN	FIBER OPTIC ADAPTER MODULE	4493/KOLNP/2007	5/18/06		
2316.2116		IN	FIBER OPTIC ADAPTER MODULE	632/KOLNP/2008	7/19/06		
2316.2126		IN	SYSTEMS AND METHODS FOR LIFTING A TERMINAL ENCLOSURE IN BELOW GROUND APPLICATIONS	4568/KOLNOP/2007	5/18/06		
2316.2300		IN	SYSTEMS AND METHODS FOR HINGED PARKING IN FIBER DISTRIBUTION HUBS	3544/KOLNP/2007	4/19/06		
2316.2306		IN	HIGH DENSITY COAXIAL JACK	4537/KOLNP/2008	4/19/07		
2316.2314		IN	FIBER OPTIC SPLITTER MODULE	3149/KOLNP/2008	2/6/07		
2316.2367		IN	INTELLIGENT PATCHING SYSTEM AND METHOD	4235/KOLNP/2008	3/16/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2396		IN	MULTI-PAIR CABLE WITH VARYING LAY LENGTH	46/KOL NP/2009	6/6/07		
2316.2443		IN	Staggered Plastic Patch Panel with Upgrade features for conversion to Physical Layer Management	1689/KOL NP/2009	10/10/07		
2316.2460		IN	HARDENED FIBER OPTIC CONNECTOR	2518/KOL NP/2009	1/23/08		
2316.2474		IN	OVERHEAD CABLE TERMINATION ARRANGEMENT	2536/KOL NP/2009	1/15/08		
2316.2492		IN	METHODS, SYSTEMS AND DEVICES FOR INTEGRATING WIRELESS TECHNOLOGY INTO A FIBER OPTIC NETWORK	3696/KOLNP/2011	3/5/10		
2316.2498		IN	HARDENED FIBER OPTIC ADAPTER	2519/KOL NP/2009	1/3/08		
2316.2503		IN	Field Terminatable Fiber Optic Connector Assembly	3606/KOL NP/2009			
2316.2613		IN	Fiber Distribution Hub	1392/KOLNP/2010	10/22/08		
2316.2652		IN	LOW PROFILE FIBER DISTRIBUTION HUB	1391/KOL NP/2010	10/29/08		
2316.2660		IN	Hardened Fiber Optic Connector System with Multiple Arrangements	2451/KOLNP/10	12/9/08		
2316.2690		IN	FIBER OPTIC ADAPTER WITH INTEGRALLY MOLDED FERRULE ALIGNMENT STRUCTURE	394/KOLNP/2011	8/26/09		
2316.2692		IN	Wall Box Adapted to be Mounted at a Mid-Span Access Location of a Telecommunications Cable	2563/KOLNP/2010	1/8/09		
2316.2712		IN	Fiber Optic Cable	4508/KOLNP/2010	5/28/09		
2316.2729		IN	BULKHEAD WITH ANGLED OPENINGS AND METHOD	3444/KOLNP/2010	3/16/09		
2316.2743		IN	REAR LATCH ARRANGEMENT FOR SLIDING DRAWER	3445/KOLNP/2010	3/17/09		
2316.2745		IN	DRAWER ARRANGEMENT WITH RACK AND PINION	4124/KOLNP/2010	5/4/09		
2316.2786		IN	Fiber Optic Splice Tray	4369/KOLNP/2010	4/16/09		
2316.2802		IN	METHODS AND SYSTEMS FOR DISTRIBUTING FIBER OPTIC TELECOMMUNICATIONS SERVICES TO LOCAL AREA	4830/KOLNP/2010	6/19/09		
2316.2821		IN	FLEXIBLE EXTRUDED CABLE MOLDING SYSTEM, METHODS, AND TOOLS	4501/KOL NP/10	5/27/09		
2316.2826		IN	FLAT DROP CABLE	1920/KOLNP/2011	10/28/09		
2316.2832		IN	FIELD TERMINABLE FIBER OPTIC ASSEMBLY	128/KOLNP/2011	7/10/09		
2316.2861		IN	TWO STEP METHOD FOR DIRECT MOLDING MULTIFIBER CONNECTORS ON ARRAYS OF OPTICAL FIBERS	3853/KOLNP/2011	3/17/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2940		IN	FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	4239/KOLNP/2011	4/6/10		
2316.2949		IN	RAPID UNIVERSAL RACK MOUNT DRAWER	49/KOLNP/2012	7/21/10		
2316.3045		IN	ELECTRICAL PLUG FOR MANAGED CONNECTIVITY SYSTEMS	994/KOLNP/2012	10/19/10		
2316.3069		IN	COMMUNICATIONS BLADED PANEL SYSTEMS	2117/KOLNP/2012	2/11/11		
2316.3069		IN	COMMUNICATIONS BLADED PANEL SYSTEMS	2120/KOLNP/2012	2/11/11		
2316.3071		IN	MANAGED FIBER CONNECTIVITY SYSTEMS	2100/KOLNP/2012	2/11/11		
2316.3071		IN	MANAGED FIBER CONNECTIVITY SYSTEMS	2118/KOLNP/2012	2/11/11		
2316.3071		IN	MANAGED FIBER CONNECTIVITY SYSTEMS	2119/KOLNP/2012	2/11/11		
2316.3114		IN	CONTACT SET ARRANGEMENT FOR RIGHT ANGLE JACK	1483/KOLNP/2013	10/14/11		
2316.3201		IN	Strain Relief Boot for a Fiber Optic Connector	2776/KOLNP/2013	3/15/12		
2316.3201		IN	Strain Relief Boot for a Fiber Optic Connector	2776/KOLNP/2013	3/15/12		
2316.3202		IN	FIBER OPTIC CONNECTOR FOR 1.2 MM CABLE	2744/KOLNP/2013	3/15/12		
2316.3238		IN	Fiber Termination Enclosure with Internal Cable Spool Assembly	3714/KOLNP/2013	6/22/12		
2316.3238		IN	WALL BOX WITH PLATE MOUNTED RAPID SPOOL	924/KOLNP/2015	4/6/15		
2316.3395		IN	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing				
2316.3399		IN	FIBER OPTIC ADAPTER BLOCK	1553/KOLNP/2014	1/11/13		
2316.3446		IN	DEPLOYING OPTICAL FIBERS USING INDEXING TERMINALS				
2316.3448		IN	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	2637/KOLNP/2014	5/17/13		
2316.3528		IN	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES				
2316.3528		IN	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	166/DELNP/2015	7/10/13		
2316.3554		IN	FIBER OPTIC CASSETTE	2869/DELNP/2015	9/25/13		
2316.3555		IN	MANUFACTURE AND TESTING OF FIBER OPTIC CASSETTE	2865/DELNP/2015	9/25/13		
2316.3597		IN	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
2316.3606		IN	Distributed Split Configuration for Multi-Dwelling Unit				
2316.3607		IN	FIELD INSTALLED CONNECTOR HOUSING ASSEMBLY	4534/DELNP/2015	11/26/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3625		IN	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
2316.3627		IN	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
2316.3661		IN	HYBRID POWER AND OPTICAL FIBER CABLE				
2316.4351		IN	CHANGEABLE CABLE MANAGER	2081/CHE/2015	4/23/15		
	TO-00499	IN	Wireless Drop in a Fiber-to-the-Home Network				
	09-016	IN	Apparatus for mechanically splicing optic fibres	1159/KOL/2010	10/19/10		
	03-002	IN	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	1690/KOL NP/05	2/27/04	224445	10/14/08
	11-001	IN	Fiber-optic connection arrangement and adapter sleeve	1979/KOLNP/2013	2/10/12		
	01-004	IN	Universal adapter	207/KOL NP/04	7/27/02	228386	2/4/09
	02-006	IN	Patch Cord Connector	237/KOLNP/05	7/16/03	224201	10/3/08
	09-008	IN	Patch panel for an optical distribution frame	3295/KOLNP/2011	12/16/09		
	TY-00119	IN	Connector and Connector Assembly	7421/DELNP/2014	2/19/13		
	MP0192	IN	Heat-Recoverable Article With Self-Contained Heater	1858/CAL/75	9/27/75		
	MP0790COM	IN	Thermoweave	1029/MAS/85	1/5/84	166678	8/31/91
	MP0790COM	IN	Thermoweave	2/MAS/84	1/5/84	159633	1/29/88
	MP0810	IN	Flame Coloring Device	215/CAL/83	2/22/83		
	00-004	IN	Duplex connector for fiber clips	IN/PCT/2002/01244	3/21/01	223424	9/10/08
	00-007	IN	Electrical connector with spaced contact portions	IN/PCT/2002/01259	4/25/01		
	00-008	IN	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	49/KOL NP/07IN/PCT/2	5/30/01	210118	9/18/07
	00-009	IN	Connection module with overvoltage device	IN/PCT/2002/01454	5/30/01	225268	11/5/08
	00-012	IN	Assembly and method for use in terminating an optical fiber or fibers	IN/PCT/2002/01433	6/11/01	239323	3/16/10
	00-015	IN	Electrical Connector	98/KOL NP/03	7/26/01		
	01-002	IN	Construction kit and method for creating an electrical cabinet for outdoor use	00983/KOL/NP/03	1/12/02	225446	11/12/08
	02-005	IN	Distribution box connection module for telecommunications and data technology	149/KOLNP/2005	7/18/03	225204	11/5/08
	03-003	IN	Overvoltage protection magazine for a telecommunications device	1796/KOLNP/05	3/26/04	242426	8/26/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	03-005	IN	Conductor connection module for printed circuit boards	2461/KOLNP/05	6/24/04	225428	11/12/08
	03-006	IN	Distribution board connection module	285/KOLNP/2006	8/12/04	239975	4/16/10
	04-004	IN	Connection module for telecommunications and data technology	443/KOLNP/07	8/30/05		
	04-009	IN	Tool for connecting cable cores	1404/KOLNP/2007	10/31/05	254442	11/5/12
	04-010	IN	Distribution board connection module	1403/KOLNP/07	10/31/05		
	04-011	IN	Distribution board connection module	1405/KOLNP/07	10/31/05		
	04-014	IN	Cable connector for printed circuit boards	1402/KOLNP/2007	11/3/05	260056	3/31/14
	05-005	IN	Plug connection	3670/KOLNP/2007	3/1/06		
	06-004	IN	Press-fit-connector	4444/KOLNP/2008	4/26/07		
	06-009	IN	Connector Block	240/KOLNP/2009	7/18/07		
	06-010	IN	Connector Block	289/KOLNP/2009	7/18/07		
	06-011	IN	Shielding Device	913/KOLNP/2009	7/18/07		
	06-018	IN	Plug-in connector for printed circuit boards	2120/KOLNP/2009	11/15/07		
	07-005	IN	Plug-in connector for printed circuit boards and connection module with plug-in connector for printed circuit	2308/KOLNP/2009	12/13/07		
	07-025	IN	Connecting strip and contact element for telecommunications and data technology	3934/KOLNP/2009	5/16/08		
	09-003	IN	Overvoltage protection magazine or plug and method for the production of an overvoltage protection magazine or plug	3124/KOLNP/2011	12/18/09		
	09-005	IN	Strain relief device	3142/KOLNP/2011	12/16/09		
	11-014	IN	Surface-Mountable Enclosure	3578/KOLNP/2013	7/26/12		
	17969	IN	PLUG AND BLOCK CONNECTOR SYSTEM FOR DIFFERENTIAL CONTACT PAIRS	2988/DELNP/2005	12/12/03	246979	3/23/11
	18044	IN	NETWORK CONNECTION SENSING ASSEMBLY	6104/DELNP/2005	6/8/04		
	18150	IN	Communications Patch Panel with Angled Connector Modules	5584/DELNP/2006	4/12/05		
	18180	IN	NON-ORTHOGONAL CABLE MANAGEMENT SYSTEM	6131/DELNP/2006	4/12/05		
	81-135	IN	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	999/Cal/82	8/27/82	156240	10/3/86
	82-030	IN	Modular plug connector	1362/Cal/82	11/23/82	156675	12/12/86

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	82-035	IN	Terminal element for cable wires and drop wire cables	238/Cal/84	4/11/84	162742	10/23/92
	82-139	IN	Clamping element for connecting electric conductors without welding, screwing and baring	1022/Cal/83	8/19/83	159078	2/17/89
	83-040	IN	A terminal strip	156/Cal/84	3/5/84	163071	3/23/89
	83-140	IN	A cable distribution head	1486/Cal/83	12/3/83	159666	8/19/88
	83-142	IN	A heat protection device for over-voltage arrester magazines	155/Cal/84	3/5/84	162615	12/23/88
	83-143	IN		1263/Cal/83	10/12/83	159725	11/18/88
	83-145	IN	Optical main distributor		11/14/83		
	84-147	IN	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	502/Cal/84	7/18/84	163224	4/28/89
	85-003	IN		447/Cal/86	6/17/86		
	86-019	IN	Connector bank for cable wires, in particular for telephone cables	299/Cal/87	4/16/87	166064	10/12/90
	86-064	IN	A casing, particulary a junction-box casing for telecommunications engineering	381/Cal/87	5/12/87	164857	1/25/90
	86-066	IN	Cutting/clamping terminal element for electrical conductors	858/Cal/87	11/2/87	166873	3/15/91
	86-069	IN	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	924/Cal/87	11/25/87	168989	7/17/92
	87-075	IN	Connector bank for telecommunication devices	486/Cal/88	6/15/88	168899	7/10/92
	87-077	IN	Device for holding connector banks in telecommunication systems	392/Cal/88	5/16/88	169513	11/6/92
	88-086	IN	Tool for connecting cable wires	957/Cal/88	11/17/88	171004	12/3/93
	88-088	IN	Protective plug for connector or disconnector banks	55/Cal/89	1/18/89	170928	9/17/93
	88-092	IN		725/Cal/88	8/30/88		
	88-095	IN	Contact member of electrical conductors	418/Cal/89	5/31/89	171233	11/12/93
	89-006	IN	Connector banks with voltage surge protection	243/Cal/90	3/26/90	174115	4/7/95
	89-010	IN	Wire connector for cable wires, in particular of telecommunication cables	728/Cal/90	8/22/90	175006	10/20/95
	89-102	IN	Shield connecting element for a connector bank	1006/Cal/89	12/5/89	173216	11/11/94
	89-192	IN	Electrical Connector	822/Cal/90	9/21/90	175193	12/1/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-006	IN	Connecting block for the telecommunication and data technology	59/Cal/91	1/22/91	175916	4/12/96
	90-011	IN	Terminal block for telecommunications systems	729/Cal/90	8/22/90	175823	5/23/97
	90-012	IN	Cutting Clamping Contact	326/Cal/91	4/29/91	176483	11/29/96
	90-015	IN	Protective circuit and protective device plug for telecommunication installations	482/Cal/91	6/25/91	177885	9/19/97
	90-021	IN			9/23/91		
	91-010	IN		354/cal/92	5/25/92		
	91-013	IN	Terminal bank for the telecommunication and data technology	529/Cal/92	7/23/92	178525	1/2/98
	91-014	IN	Cutting and clamping sleeve contact	534/Cal/92	2/27/92		
	92-004	IN	Case, in particular cable branching case	26/Cal/93	1/18/93	177849	9/19/97
	92-006	IN	Cutting and clamping Terminal Element	70/Cal/93	2/4/93		
	92-022	IN	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	545/Cal/93	9/20/93	179109	5/1/98
	92-024	IN	Signal-connector with capacitive adjustment for improved crosstalk parameters	435/Cal/93	8/2/93	178320	11/28/97
	93-006	IN		759/Cal/93	12/6/93		
	93-009	IN	Distribution device, in particular for the main distribution device of telephone and data lines	606/Cal/93	10/13/93		
	93-015	IN	Cable branching device	159/Cal/94	3/15/94	183501	7/28/00
	93-020	IN	Termination module	641/Cal/93	10/26/93	182921	2/18/00
	93-021	IN	Connection module	640/Cal/93	10/26/93	181372	6/18/99
	93-023	IN	Connection block for high speed transmission in the telecommunication and data system	412/Cal/94	6/2/94	181596	7/9/99
	93-030	IN	Terminal block	681/Cal/94	8/26/94	181763	8/6/99
	93-032	IN	Electrical Plug Connector	753/Cal/94	9/19/94		
	93-034	IN	Termination unit for telecommunication and data lines	865/Cal/94	10/20/94		
	93-035	IN	Insulation displacement contact	90/Cal/94	2/14/94	178759	2/13/98
	93-036	IN	Coupling device between a glass fibre and a dielectric waveguide	925/Cal/94	11/7/94		
	93-040	IN	Process for reducing the tearability of a thermally shrinkable web	2087cAL 794			

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-006	IN	Winding cartridge	468/Cal/94	6/20/94	180890	3/5/99
	94-007	IN	Insulation displacement contact element	906/Cal/94	10/18/94	182196	9/3/99
	94-012	IN	Obliquely disposed insulation displacement contact	64/Cal/95	1/24/95	183063	3/10/00
	94-015	IN	Housing for optical components	208/Cal/95	2/28/95		
	94-018	IN	Automatic distribution device for telecommunication and data lines	519/Cal/95	5/8/95	185451	8/10/01
	94-021	IN	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	384/Cal/95	4/6/95	183273	5/5/00
	94-025	IN	Printed Circuit Board for Connectors	636/Cal/95	6/5/95	183462	7/21/00
	94-031	IN	Protection plug	706/Cal/95	6/20/95	183268	5/5/00
	94-032	IN	Terminal element	724/Cal/95	6/26/95	182959	2/25/00
	95-006	IN	Electrical Connectors	661/cal/96	4/10/96		
	95-009	IN	Switching field	1395/Cal/96	8/5/96		
	95-012	IN	Distribution device for telecommunications and data technique	1483/Cal/96	8/20/96		
	95-013	IN	Termination device for the telecommunication and data technique	1598/Cal/96	9/9/96		
	95-016	IN	Terminal block for high transmission rates	1396/Cal/96	8/5/96		
	95-019	IN	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	1525/Cal/96	8/27/96		
	95-020	IN	Automatic re-arrangement and distribution device for telecommunication and data lines	1679/Cal/96	9/23/96		
	96-001	IN	Electronic access control and security system	193/Cal/97	2/3/97		
	96-002	IN	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	194/Cal/97	2/3/97		
	96-005	IN	Management-capable splice cassette	195/Cal/97	2/3/97	190447	2/6/04
	96-011	IN	High density high performance connector	849/Cal/97	5/12/97		
	96-013	IN	Connecting terminal	1318/CAL/97	7/11/97		
	96-018	IN	Clamping device	2079/cal/97	11/4/97	192290	10/8/04

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-019	IN	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	2080/CAL/97	11/4/97		
	96-020	IN	Terminal, isolating or connecting strip	2322/CAL/97	12/8/97	194975	9/16/05
	96-021	IN	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	2081/CAL/97	11/4/97	200146	12/8/06
	97-002	IN	Outdoor housing	247/Cal/98	2/16/98		
	97-003	IN	Protection Plug	248/Cal/98	2/16/98	199952	7/14/06
	97-008	IN	Arrangement of contact pairs for compensation of near-end crosstalk	249/Cal/98	2/16/98		
	97-012	IN	Distribution block for telecommunication and data technology	345/CAL/98	3/3/98		
	97-013	IN	Stationary housing with wall elements made of plastic	346/CAL/98	3/3/98		
	97-016	IN	Overvoltage protection module	781/CAl798	5/1/98		
	97-018	IN	Overvoltage protection plug with fail-safe device	782/CAL/98	5/1/98		
	97-019	IN	Interface module	783/Cal/98	5/1/98		
	97-023	IN	Method for designing a telecommunications and data network	1431/cal/98	8/10/98		
	97-032	IN	Patch Panel with retractable patch cord	2165/Cal/98	12/10/98		
	98-002	IN	Support body for an electrical contact arrangement	IN/PCT/2000/00041	1/21/99		
	98-013	IN	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	IN/PCT/2000/00459	5/12/99		
	98-022	IN	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-023	IN	Electrical Connector	595/Cal/99	6/30/99		
	98-024	IN	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-025	IN	Shielding device for connection strips in telecommunications and data engineering	IN/PCT/2001/00522/KO	10/14/99	203602	3/9/07
	99-002	IN	Surge arrester mounting unit for telecommunications and data systems equipment	2/Cal/2000	1/3/00	202528	3/2/07
	99-004	IN	Overvoltage protection element	77/Cal/2000	2/15/00		
	99-006	IN	Device for mounting terminal strips for telecommunication, control power and data technology	PCT/EP00/01685	2/29/00		
	99-007	IN	Connector element with closure device	PCT/EP00/02122	3/10/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	99-017	IN	Connecting cable with an electrical plug connection	IN/PCT/2002/00619	11/16/00		
	E-TO-00029	IN	Modular Plug with Slider Latch	2730/DELNP/2008	10/2/06		
	E-TO-00091	IN	Connector Receptacle Assembly	7652/DELNP/2008	3/13/07		
	E-TO-00154	IN	Cable Management System	5462/DELNP/2009	8/25/09		
	ITRACS001	IN	A Kit for Determining Connection Pattern of Data Ports	1001/DELNP/2005	3/15/05	240118	4/30/10
	ITRACS001	IN	An Adapter Board for Determining a Connection Pattern of a Plurality of Data Ports	1002/DELNP/2005	3/15/05	240125	4/30/10
	ITRACS001	IN	A System for Monitoring Connection Pattern of Data Ports	IN/PCT/01/00939/DEL	5/4/00	217868	3/29/08
	MP0766	IN	Fiber Optic Splicing	496/CAL/83	4/26/83		
	MP0781COM	IN	Flat Sheet Closure & Method	1051/CAL/82	9/10/82		
	MP0871A	IN	Protective Article	258/MAS/86	4/8/86		
	MP1018	IN	Splice Case	1014/MAS/85	12/17/85	166676	5/3/91
	MP1027	IN	Closure Including Gel-Filled End Seals	364/MAS/86	5/13/86		
	MP1064	IN	Optical Fiber Distribution Network	533/MAS/86	7/11/86		
	MP1070	IN	Cable Blocking & Block Splice Protection	411/MAS/86	5/27/86	167445	4/1/92
	MP1239COM	IN	Telecommunication Terminal Block Or Adapter	181/MAS/89	3/3/89		
	MP1431	IN	Hybrid Fiber In The Loop Telephony System	157/MAS/93	3/2/93		
	NC027	IN	Button Protection Device	452/MAS/96	3/21/96		
	NC046	IN	Fiber Optic Splice Organizer With Splicing Tray And Associated Method	188/MAS/2000	3/7/00		
02316.3392INWO	TO-00402	IN	Portable Device for Attaching a Connector to an Optical Fiber	7320/DELNP/2013	2/7/12		
02316.3413INWO	TO-00509	IN	Optical Fiber Connection System Including Optical Fiber Alignment Device	1648/KOLNP/2014	2/6/13		
02316.3561INWO	NT-00354	IN	Flexible Lensed Optical Interconnect Device for Signal Distribution	581/KOLNP/2014	9/7/12		
02316.3562INWO	NT-00355	IN	Bend-Limited Flexible Optical Interconnect Device for Signal Distribution	593/KOLNP/2014	9/7/12		
02316.3597INWO		IN	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3625INWO		IN	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.3627INWO		IN	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.3827INWO	NT-00317	IN	Electrical Connectors and Printed Circuits Having Broadside Coupling Regions	780/DELNP/2013	7/29/11		
02316.3835INWO	E-TO-00125	IN	Interface Module	1587/DELNP/2009	10/9/07		
02316.3845INWO	18204	IN	Method and Apparatus for Providing Out of Band Communications Over Structured Cabling	4181/DELNP/2007	11/29/05		
02316.3848INWO	TO-00274	IN	Electrical Connector With Crosstalk Compensation	756/DELNP/2012	8/19/10		
02316.3849INWO	TO-00272	IN	Electrical Connector with Separable Contacts	757/DELNP/2012	8/19/10		
02316.3875INWO	NT-00338	IN	Switch Rack System	10973/DELNP/2012	6/2/11		
02316.3879INWO	TY-00084	IN	Ferrule with Protruding Fibers	830/DELNP/2013	8/23/11		
02316.3883INWO	E-TO-00028	IN	Duplex Plug Adapter Module	7755/DELNP/2007	4/27/06		
02316.3884INWO	E-TO-00049	IN	Electrical Connector Adaptor with Strain Relief	2729/DELNP/2008	10/2/06		
02316.3885INWO	NT-00315	IN	Mounting Feature for the Contact Array of an Electrical Connector	4877/DELNP/2012	1/6/11		
02316.3887INWO	E-TO-00088	IN	Receptacle with Crosstalk Optimizing Contact Array	7651/DELNP/2008	3/9/07		
02316.3888INWO	E-TO-00089	IN	Electrical Connector Having Staggered Contacts	9245/DELNP/2008	5/15/07		
02316.3889INWO	E-TO-00090	IN	Connector Having Contact Plates	8338/DELNP/2008	4/26/07		
02316.3890INWO	NT-00318	IN	Plug Assembly	4961/DELNP/2012	1/10/11		
02316.3904INWO	18147	IN	INTERFACE ADAPTER MODULE	6132/DELNP/2006	4/26/05	258654	1/28/14

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3908INWO	E-TO-00241	IN	Terminal Block and Board Assembly for an Electrical Connector	574/DELNP/2012	8/10/10		
02316.3909INWO	TO-00311	IN	A Panel Assembly For A Connectivity Management System	10039/DELNP/2011	7/20/10		
02316.3915INWO	E-TO-00205	IN	Electrical Connector With a Compliant Cable Strain Relief Element	9021/DELNP/2010	6/18/09		
02316.3918INWO	E-TO-00223	IN	Cassette for Use Within a Connectivity Management System	7242/DELNP/2011	2/24/10		
02316.3980INWO	TO-00425	IN	Fiber Optic Adapters and Connector Devices with Mounting Features and Mounting Systems and Methods Including the Same	8673/CHENP/2013	3/14/12		
02316.3982INWO	TO-00420	IN	Cable Strain Relief Clamping Devices and Methods for Using the Same	8412/DELNP/2013	3/1/12		
02316.3986INWO	TO-00266	IN	Fiber Optic Multi Dwelling Unit Deployment Apparatus and Methods for Using the Same	4055/CHENP/2011	12/7/09		
02316.3998IN01	MP1492	IN	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	188141	3/22/95		
02316-3844INWO	TO-00302	IN	Methods and Apparatus for Terminating Electrical Connectors to Cables	4383/DELNP/2012	12/14/10		
02316-3847INWO	TO-00295	IN	Electrical Connector Having An Electrically Parallel Compensation Region	887/DELNP/2011	4/19/10		
2316.1006/01		IN	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	2001/00617	1/3/00		
2316.1007/I1		IN	TELECOMMUNICATIONS JACK ASSEMBLY	2001/00619	1/4/00		
2316.1011/I2		IN	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	2001/00769/DEL	2/16/00	257899	11/18/13
2316.1011/I2		IN	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	2240/DELNP/2010	3/31/10		
2316.1011/I2		IN	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	3595/DELNP/2005	8/12/05	258177	12/22/13
2316.1403/01		IN	CABLE CLIP WITH SEGREGATOR AND METHOD	1368/DELNP/2003	3/13/02	238156	1/21/10
2316.1687/I1		IN	COUPLER FOR CABLE TROUGH	2982/DELNP/2004	3/21/03	256849	8/2/13
2316.1687/I1		IN	COUPLER FOR CABLE TROUGH	978/DELNP/2012	2/2/12		
2316.1838/P2		IN	FIBER ACCESS TERMINAL	2707/KOLNP/06	3/8/05		
2316.1910/WO		IN	Communication wire	1016/DELNP/2005	9/8/03		
2316.2295/I1		IN	SYSTEMS AND METHODS OF FIBER DISTRIBUTION AND MANAGEMENT	1644/KOLNP/2006	11/17/04		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2298/U1		IN	FIBER DROP TERMINAL	1565/KOLNP/2007	11/2/05		
2316.2299/P2		IN	LOOPBACK PLUG AND METHOD	3543/KOLNP/2007	4/19/06		
2316.2316/U3		IN	FIBER OPTIC CABLE BREAKOUT CONFIGURATION WITH "Y" BLOCK	4017/KOLNP/2008	3/6/07		
2316.2336/01		IN	FIBER DISTRIBUTION HUB WITH SWING FRAME AND MODULAR TERMINATION PANELS	3150/KOLNP/2008	2/7/07		
2316.2336/P1		IN	FIBER DISTRIBUTION HUB WITH OUTSIDE ACCESSIBLE GROUNDING TERMINALS	3144/KOLNP/2008	2/7/07		
2316.2467/01		IN	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	2039/KOLNP/2009	11/28/07		
2316.2467/I1		IN	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	2112/KOLNP/2009	11/28/07		
2316.2584/P1		IN	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	3891/KOLNP/2009	5/6/08		
2316.2584/P2		IN	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	479/KOLNP/2010	8/5/08		
2316.2584/P4		IN	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	581/KOLNP/2010	9/4/08		
2361.3882INWO	E-TO-00009	IN	Electrical Connector with Crosstalk Compensation	4863/DELNP/2007	12/16/05	263120	10/8/14
P12.482IN/10-008IN	10-008	IN	Connecting box for glass fiber cables	2926/KOLNP/2012	1/10/11		
14764		IN	INSULATION DISPLACING BARREL TERMINAL	1181/DEL/91	12/2/91		
15496		IN	MODULE FOR TELEPHONE LINE CONDUCTOR PAIR HAVING SINGLE PROTECTOR UNIT	822/DEL/93	8/4/93		
15526		IN	COMMUNICATIONS CONNECTOR TERMINAL ARRAYS HAVING NOISE CANCELLING CAPABILITIES	1032/DEL/93	9/14/93		
15673		IN	MICRO-CONNECTOR	126/DEL/94	2/2/94		
15700		IN	NETWORK INTERFACE DEVICE MODULE PROVIDING SEALED CUSTOMER ACCESSIBLE TEST PORT	500/DEL/94	4/26/94		
15780		IN	CAPTIVATED FIBER OPTIC CONNECTOR	444/DEL/94	4/15/94		
16167		IN	ADD-ON MTU ASSEMBLY FOR USE IN A TELEPHONE SUBSCRIBER JUNCTION BOX	204/DEL/96	1/31/96		
40057		IN	SHIELDED DATA CONNECTOR	113/DEL/93	2/10/93		
TO-00559		IN	Cable Management System including Splitter/Filter Tray	197/DELNP/2015	7/4/13		
2316.1868		IQ	HIGH DENSITY COAXIAL SWITCHING JACK	75/2006	4/13/06		
	MP0192	IR	Heat-Recoverable Article With Self-Contained Heater	15592	9/22/75	15393	9/22/75

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-008	IR	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	38003050	6/14/01	27561	11/18/01
	00-009	IR	Connection module with overvoltage device	38003051	6/14/01	27562	11/18/01
	00-014	IR	Connecting element and method for making electrical contact with an electrical core without using any tools	38005068	8/8/01	27654	12/15/01
	84-147	IR	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	26401	7/11/84	22787	11/24/84
	85-003	IR		27127	6/11/86		
	86-019	IR	Connector bank for cable wires, in particular for telephone cables	27271	4/12/87	23457	5/24/87
	86-064	IR	A casing, particulary a junction-box casing for telecommunications engineering	27507	5/14/87	23494	6/29/87
	86-066	IR	Cutting/clamping terminal element for electrical conductors	27658	10/24/87	213600	1/2/88
	86-069	IR	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	27673	11/14/87	23623	2/13/88
	87-077	IR	Device for holding connector banks in telecommunication systems	27841	5/23/88	23698	8/29/88
	88-088	IR	Protective plug for connector or disconnector banks	28073	1/18/89	23785	3/7/89
	88-095	IR	Contact member of electrical conductors	28196	5/25/89	23822	6/13/89
	90-006	IR	Connecting block for the telecommunication and data technology	28765	1/27/91	24284	3/27/91
	90-012	IR	Cutting Clamping Contact	28854	4/27/91	24343	5/27/91
	90-015	IR	Protective circuit and protective device plug for telecommunication installations	91-12778	7/25/91	24392	7/30/91
	91-014	IR	Cutting and clamping sleeve contact	29410	7/28/92	24654	10/14/92
	92-013	IR	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	29784	6/27/93	24788	6/29/93
	93-020	IR	Termination module	37302028	5/10/94	25063	7/11/94
	93-040	IR	Process for reducing the tearability of a thermally shrinkable web	37611018	2/3/98		
	94-007	IR	Insulation displacement contact element	37308009	11/6/94	25157	1/11/95
	94-012	IR	Obliquely disposed insulation displacement contact	373011027	1/31/95	25177	3/12/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-021	IR	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	37401012	4/18/95	25248	11/7/95
	94-031	IR	Protection plug	37404004	6/26/95	25296	8/3/95
	95-013	IR	Termination device for the telecommunication and data technique	37506037	9/21/96	25628	6/18/97
	95-016	IR	Terminal block for high transmission rates	37505021	8/14/96	25627	6/18/97
	95-019	IR	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	37506021	9/7/96	25714	10/15/97
	96-002	IR	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	37511019	2/6/97	25613	6/14/97
	96-005	IR	Management-capable splice cassette	37511020	2/6/97	25626	6/18/97
	96-013	IR	Connecting terminal	7604037	7/15/97	25708	10/2/97
	96-020	IR	Terminal, isolating or connecting strip	37609022	12/9/97	25817	2/1/98
	97-002	IR	Outdoor housing	37612011	2/24/98	25852	4/22/98
	97-003	IR	Protection Plug	37612010	2/24/98	26111	4/17/99
	97-012	IR	Distribution block for telecommunication and data technology	37612028	3/9/98	25974	11/5/98
	97-013	IR	Stationary housing with wall elements made of plastic	37612029	3/12/98	25975	11/5/98
	97-016	IR	Overvoltage protection module	37702018	5/5/98	25929	9/9/98
	97-018	IR	Overvoltage protection plug with fail-safe device	37703004	5/25/98	26222	8/19/99
	97-023	IR	Method for designing a telecommunications and data network	37705035	8/18/98	26223	8/19/99
WR030		IR	Pull-Wire	25019	10/27/81	22017	11/10/81
WR031		IR	Catv Box ; Moulded Parts	25019	10/27/81	22016	11/10/81
100.0742		IS	REMOTE HUB ARRANGEMENT FOR DEPLOYING CELL SITES ESPECIALLY ALONG A CORRIDOR	135,756	4/19/00		
	02-003	IS	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	04-012	IS	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	IS	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	06-010	IS	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	98-024	IS	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1910/WO		IS	Communication wire	7743	9/8/03		
WR171		IS	Catv Tap With Switch	4443	9/26/95		
100.0058		IT	HYBRID FIBER/COAX VIDEO AND TELEPHONY COMMUNICATION SYSTEM	95933845.0	9/19/95		
100.0451		IT	DISTRIBUTED DIGITAL SIGNAL SUMMATION AND GAIN CONTROL	03796586.0	12/3/03	1570687	10/9/13
100.0452		IT	DISTRIBUTED DIGITAL ANTENNA SYSTEM	03790242.6	12/3/03	1570626	11/6/13
100.0603		IT	ARRANGEMENT FOR MEASURING CONDITION OF ANTENNA IN MOBILE TELEPHONE SYSTEM	97660123	11/20/97		
100.0629		IT	RETROREFLECTIVE SHEETING MATERIAL, A METHOD OF ITS PRODUCTION AND ITS USE	94 928 772.6	10/4/94	0 724 740	3/24/99
100.0729		IT	Centrally located equipment for wireless telephone system	99934392.4	2/19/99	1080594	7/27/05
100.0759		IT	BLOSSOM/WILT OR DYNAMIC REALLOCATION IN A DISTRIBUTED FIBER SYSTEM	00303365.1	4/20/00	1047276	6/22/05
100.0922		IT	Method and system for distributing multiband wireless communications signals	02394013.3	1/24/02	1227605	1/2/08
100.0937		IT	Distribution of radio-frequency signals through low bandwidth infrastructures	97922450.8	4/18/97	0 894 369	2/18/04
100.0968		IT	Self-contained masthead units for cellular communication networks	98953787.3	10/21/98	1 025 615	7/3/02
100.0972		IT	Cellular base station with intelligent call routing	96913256.2	4/29/96	0 824 836	7/11/01
100.1060		IT	METHOD AND DEVICE FOR TUNING THE WAVELENGTH OF AN OPTOELECTRONIC COMPONENT ARRANGEMENT	980965648	10/21/98	1036428	9/26/01
100.1141		IT	DISTRIBUTED DIGITAL REFERENCE CLOCK	11813094.7	7/27/11	2599240	12/17/14
100.1147		IT	Method for Synchronizing the Wavelengths of an Arrangement of Optoelectronic Components	980963448.0	11/12/98	0956625	4/21/04
100.1152		IT	Generator for Producing a High Frequency, Low Noise Signal	970925866	5/23/97	0901713	4/19/00
100.1154		IT	OPTOELECTRIC MULTI-WAVELENGTH CONSTRUCTION ELEMENT	19950110326	7/3/95	0704946	10/1/03
100.1157		IT	Photon Detector and Method of Manufacturing	970924964	5/21/97	0901613	1/23/02
2316.0015		IT	ELECTRICAL CONNECTOR MODULE	82110474.2	11/12/82	0 079 599	11/12/82
2316.0019		IT	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSING	85850253.7	8/1/85	0 197 234	2/27/91
2316.0024		IT	ELECTRICAL JACK	85850121.6	4/4/85		
2316.0038		IT	ELECTRICAL JACK FRAME	81101655.9	3/6/81	0 035 776	7/24/85

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0041		IT	ELECTRICAL CONNECTOR APPARATUS	85850356.8	11/5/85	0 181 306	2/17/93
2316.0056		IT	ELECTRICAL CONNECTOR APPARATUS	85850355.0	11/5/85	0 181 305	2/27/91
2316.0095		IT	JACK DEVICE	86309708.5	12/12/86	0 230 746	2/22/95
2316.0113		IT	TERMINAL ASSEMBLY	87101289.4	1/30/87	0 233 527	11/13/91
2316.0123		IT	OPTICAL FIBER DISTRIBUTION APPARATUS	26548/BE/1990	9/16/86	0 215 668	12/19/90
2316.0172		IT	OPTICAL SWITCH	20,394	5/5/89	1,230,550	10/28/91
2316.0300		IT	PLUG-IN JACK CARD FOR NORMALLY CLOSED CONTACTS	70264/BE/1996	9/30/91	0 486 331	7/24/96
2316.0372		IT	MINIATURE COAX JACK MODULE	96202654.8	7/14/92	0 755 095	11/2/00
2316.0372		IT	MINIATURE COAX JACK MODULE	70188/BE/2000	7/14/92	0 634 061	6/4/97
2316.0454		IT	REAR CROSS-CONNECT DSX SYSTEM	94912250.1	3/17/94	68494/BE/98	5/13/98
2316.0488		IT	HIGH-DENSITY FIBER DISTRIBUTION FRAME	95903533.8	11/16/94	0 740 803	1/27/99
2316.0488		IT	HIGH-DENSITY FIBER DISTRIBUTION FRAME	70190/BE/2003	11/19/94	0 871 047	4/16/03
2316.0691		IT	SWITCHING COAX JACK DEVICE	70692/BE/2002	3/23/98	0972320	6/12/02
2316.0753		IT	DSX MODULE WITH REMOVABLE JACK	72587/BE/2002	2/23/98	0 963 620	9/18/02
2316.0777		IT	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	98911988.8	3/23/98	0 972 319	5/22/02
2316.0777		IT	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	73932/BE/2003	3/5/01	1 120 866	10/15/03
2316.0786		IT	FIBER CONNECTOR AND ADAPTER	03004353.3	5/14/98	1331496	1/4/06
2316.0786		IT	FIBER CONNECTOR AND ADAPTER	99944053.0	9/1/99	1114346	6/27/07
2316.0786		IT	FIBER CONNECTOR AND ADAPTER	72127/BE/2003	5/14/98	0 983 525	7/9/03
2316.0891		IT	REPAIRABLE CONNECTOR AND METHOD	69528/BE/2004	1/5/99	1 246 316	3/31/04
2316.0891		IT	REPAIRABLE CONNECTOR AND METHOD	70839/BE/2003	1/5/99	1 051 777	5/2/03
2316.0942		IT	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	72139/BE/2003	5/20/99	1 084 523	8/6/03
2316.0974		IT	FIBER OPTIC CABINET AND TRAY	99943934.2	8/25/99	1116062	7/16/08
2316.1009		IT	DSX MODULE WITH REMOVABLE JACK	70972/BE/2003	3/31/00	1 169 753	5/14/03
2316.1017		IT	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	00908583.8	2/10/00	1151620	8/26/09
2316.1051		IT	HIGH DENSITY PATCHING SYSTEM	00920235.9	4/11/00	1173981	11/5/08

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1220		IT	CABLE TROUGH WITH SEPARATE SIDE ELEMENTS	01973523.2	9/25/01	1323220	7/4/07
2316.1250		IT	CABLE EXIT TROUGH WITH INSERT	01977447.0	10/4/01	1356321	4/4/07
2316.1289		IT	LOW PROFILE CABLE EXIT TROUGH	01987552.5	10/29/01	70960/BE/2006	4/26/06
2316.1481		IT	DSX JACK INCLUDING SLIDING REAR CONNECTOR	69283/BE/2007	4/11/02	1391010	1/24/07
2316.1637		IT	TRIAXIAL CONNECTOR ADAPTER AND METHOD	03731947.2	1/16/03	1472762	3/18/09
2316.1744		IT	HIGH DENSITY PANEL WITH ROTATING TRAY	03752606.8	9/26/03	1557048	3/20/11
2316.1780		IT	FIBER CONTAINMENT SYSTEM	04753765.9	5/28/04	1632116	5/25/11
2316.1799		IT	COVER FOR CABLE TROUGH	04795274.2	10/13/04	1680845	12/3/14
2316.1823		IT	SERVICE BLOCKER DEVICE AND METHOD	05853771.3	12/12/05	1825310	2/27/13
2316.1863		IT	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	05771738.1	6/13/05	1766452	8/4/10
2316.1863		IT	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	10183098.2	9/30/10	2261713	3/20/13
2316.1888		IT	CABLE WITH OFFSET FILLER	04795260.1	10/14/04	1687833	10/2/13
2316.1891		IT	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	05713874.5	2/18/05	1728300	4/15/15
2316.1894		IT	Tuned patch cable	00932775.0	5/25/00	1212758	8/13/08
2316.1912		IT	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	08008856.0	5/14/08	1962519	9/29/10
2316.1912		IT	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	05 826 135.5	11/2/05	1808028	5/14/08
2316.2138		IT	OPTICAL FIBER PATCH PANEL	69409/BE/93	6/27/89	0 349 290	8/11/93
2316.2306		IT	HIGH DENSITY COAXIAL JACK	07755657.9	4/19/07	2011191	9/28/11
2316.2329		IT	Connecting Hardware with Multi-Stage Inductive and Capacitive Crosstalk Compensation	07852669.6	10/11/07	2082458	6/3/15
2316.2378		IT	Telecommunications Jack with Crosstalk Compensation and Arrangements for Reducing Return Loss	07775101.4	4/10/07	2008346	2/13/13
2316.2379		IT	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	07755200.8	4/10/07	2008345	6/23/10
2316.2379		IT	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	10163786.6	5/25/10	2216855	12/7/11
2316.2473		IT	FIBER OPTIC CONNECTOR MECHANICAL INTERFACE CONVERTER	08713473.0	1/3/08	2106562	3/11/15
2316.2666		IT	Improved Far End Crosstalk Compensation	09709848.7	2/12/09	2243200	9/5/12

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2700		IT	WAVELENGTH DIVISION MULTIPLEXING MODULE	09706377.0	1/29/09	2243237	9/18/13
	99-017	IT	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	00-004	IT	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-018	IT	Plastic patch panel	01985780.4	9/24/01	1322981	7/14/04
	17968	IT	NETWORK CONNECTION SENSING MODULE	03768701.9	11/5/03	1559277	1/6/10
	18019	IT	ELECTRICAL COUPLER WITH SPLITTING RECEPTACLE JACK INTERFACES	04251258.2	3/4/04	1458062	8/4/10
	03-009	IT	Wall outlet box	04765904.0	10/8/04	1678797	4/14/10
	03-010	IT	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	05-013	IT	Mounting apparatus for line and plug-in connecting elements	06762987.3	8/4/06	1915876	10/3/12
	06-009	IT	Connector Block	07765227.9	7/18/07	2044781	4/23/14
	07-004	IT	Terminal block	07856677.5	12/13/07	2127029	4/23/14
	TO-00270	IT	Cable Clamping Devices and Methods for Using the Same	09796515.6	12/7/09	2376962	2/13/13
	09-011	IT	Terminal strip	10712336.6	3/26/10	2441128	3/12/14
	00-015	IT	Electrical Connector	01956564.7-2217	7/26/01	1312137	5/25/05
	00-019	IT	Optical Fibre Connection Housing	01982343.4-1524	9/24/01	1329011	8/31/05
	01-004	IT	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	01-005	IT	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	02-005	IT	Distribution box connection module for telecommunications and data technology	03792214.3-2214	7/18/03	1527503	5/14/14
	04-007	IT	Housing	04790911.4-2207	10/27/04	1678798	3/3/10
	06-006	IT	Plug-in connector for telecommunications and data technology	07765225.3-1528	7/18/07	2047571	4/20/11
	07-002	IT	Electrical plug-in connector	07856679.1-2214	12/13/07	2127044	8/13/14
	07-010	IT	Sleeve for optical waveguide cables	08715782.2-1524	2/15/08	2132589	8/3/11
	18031	IT	CABLE TERMINATING APPARATUS AND METHOD	04253289.5	6/2/04	1484824	1/16/08
	MP1492	IT	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	95916228.0	4/6/95	0755618	6/21/00
	MP0172	IT	Cohesive Sealant Articles	29086A74	10/31/74	1025419	8/10/78

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0192	IT	Heat-Recoverable Article With Self-Contained Heater	27707A/75	9/26/75	1042914	1/30/80
	MP0212	IT	Self Heating Article With Deformable Electrodes	26016A/76	8/4/76	1065718	3/4/85
	MP0219	IT	Expandable Heater With Apertured Electrodes	30212A/76	12/9/76	1133908	7/24/86
	MP0736	IT	Heat-Recoverable Closure Assembly	81302412.2	6/1/81	0041388	4/17/85
	MP0761	IT	Wraparound Protective Closure And Method Of Use	83300472.4	1/28/83		
	MP0790COM	IT	Thermoweave	84300059.7	1/5/84	0243985	7/4/90
	MP0790COM	IT	Thermoweave	84300059.7	1/5/84	0116393	7/19/89
	MP0790COM	IT	Thermoweave	84300059.7	1/5/84	0270132	3/25/92
	MP0790COM	IT	Thermoweave	84300059.7	1/5/84	0430377	10/9/96
	MP0810	IT	Flame Coloring Device	83300904.6	2/22/83	0087313	5/28/86
	MP0859	IT	Electrical Devices Comprising PTC Elements	84307984.9	11/16/84		
	MP0867	IT	Laminar Electrical Heaters	84303152.7	5/10/84	0128664	8/24/88
	MP0872	IT	Heat Shrinkable Article	84306290.2	9/14/84		
	MP1086	IT	Devices Comprising PTC Conductive Polymers	86307651.9	10/3/86		
	MP1224	IT	Laminar Sheet Heater	89900770.2	12/8/88		
	MP0735	IT	Wraparound Heat-Recoverable Sleeves	81302413.0	6/1/81	0041389	4/17/85
	00-001	IT	Shielding device for terminal blocks	00126936.4	12/8/00	1117158	2/13/08
	00-002	IT	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-007	IT	Electrical connector with spaced contact portions	01940348.4-1231	4/25/01		
	00-008	IT	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01		
	00-009	IT	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-012	IT	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-013	IT	Connection module	01117086.7	7/13/01		
	00-017	IT	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05
	02-003	IT	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	02-004	IT	Device for an optical-fiber connection	03727357.0-1234	4/25/03	1502142	6/28/06
	03-001	IT	Distribution frame with access for testing	04712500.0-2414	2/19/04	1602225	10/17/07
	03-003	IT	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-005	IT	Conductor connection module for printed circuit boards	04740236.7-2214	6/24/04	1649549	11/2/06
	03-006	IT	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-013	IT	Construction kit for distribution cabinets	04006018.8	3/12/04	1458073	1/3/07
	04-004	IT	Connection module for telecommunications and data technology	05776552.1	8/30/05	1787481	5/27/09
	04-012	IT	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	IT	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-010	IT	Protective plug for distribution frame devices for telecommunications and data technology	06754344.7	6/13/06	1894281	9/14/11
	05-011	IT	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-004	IT	Press-fit-connector	07724602.3	4/26/07	2018682	7/28/10
	06-010	IT	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	75-118	IT		24804A/76	6/28/76	1061943	4/30/83
	77-122	IT	LSA-Plus Module	29685A/78	11/10/78	1101042	9/28/85
	78-123	IT	Connection module	19743A/79	1/30/79	1166605	6/23/87
	78-124	IT		21074A/79	3/16/79	1111583	1/13/86
	78-125	IT		21378A/79	3/28/79	1162514	4/1/87
	78-126	IT		67803A/79	4/17/79	1118560	3/3/86
	80-012	IT	A tool for electrically connecting insulated wires	81102206.0	3/24/81	0040307	8/14/85
	80-128	IT	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	81101410.9	2/26/81	0038412	4/24/85
	80-129	IT	A twin contact terminal element	81102012.2	3/18/81	0041596	7/16/86
	80-130	IT	Universal connector for a solderless, screwless and stripless system for testing, connecting and isolating conductor tracks	81103884.3	5/20/81	0044387	2/6/85

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	80-131	IT	A connector device for testing a cable wire relative to all other cable wires within a contact element	81103883.5	5/20/81	0044913	2/1/84
	80-132	IT	A self supporting terminal element	81101181.6	2/19/81	0053219	6/13/84
	81-135	IT	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	82108047.0	9/1/82	0075150	1/7/87
	82-030	IT	Modular plug connector	82111212.5	12/3/82	0084632	3/26/86
	82-035	IT	Terminal element for cable wires and drop wire cables	67435A/83	4/21/83	1162847	4/1/87
	82-139	IT	Clamping element for connecting electric conductors without welding, screwing and baring	83107560.1	8/1/83	0123718	11/25/87
	83-140	IT	A cable distribution head	83112627.1	12/15/83	0125343	9/27/89
	83-142	IT	A heat protection device for over-voltage arrester magazines	84106412.4	6/5/84	0130403	5/18/88
	83-143	IT		68103A/83	10/24/83	11993440	6/22/88
	83-145	IT	Optical main distributor		12/9/83		
	84-016	IT	Multipolar plug	85730151.9	11/8/85	0189730	12/27/89
	84-147	IT	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	84107396.8	6/27/84	0165335	9/16/87
	85-003	IT		86730087.3	5/22/86	0210945	
	86-019	IT	Connector bank for cable wires, in particular for telephone cables	87730032.7	4/3/87	0244347	8/21/91
	86-064	IT	A casing, particulary a junction-box casing for telecommunications engineering	87730050.9	5/8/87	0253756	11/18/93
	86-066	IT	Cutting/clamping terminal element for electrical conductors	87730118.4	9/30/87	0270479	8/12/92
	86-068	IT		87730118.4	9/30/87	0270479	5/6/92
	86-069	IT	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	87730134	10/27/87	0270480	
	86-069	IT	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	93112523.1	8/5/93		
	86-156	IT		87730030.1	3/21/87	0243296	12/27/90
	87-003	IT		88730042.4	2/24/88		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	87-075	IT	Connector bank for telecommunication devices	88730118.2	5/17/88	0302814	2/16/94
	87-077	IT	Device for holding connector banks in telecommunication systems	88730116.6	5/13/88	0304393	1/12/94
	87-166	IT	Terminal unit for cable pairs in Telecommunication systems	88730114.1	5/11/88	0296095	3/24/93
	88-006	IT		88730074.7	3/24/88	0288418	7/22/92
	88-086	IT	Tool for connecting cable wires	88730250.3	11/12/88	0329917	11/19/92
	88-087	IT		88117463.5	10/20/88	0328738	
	88-088	IT	Protective plug for connector or disconnector banks	89100535.7	1/13/89	0338187	12/29/93
	88-091	IT	Receiving pre-amplifier for an optical telecommunication line	89730043.0	2/22/89	0344091	11/3/93
	88-092	IT		88113259.1	8/13/88	0312729	
	88-095	IT	Contact member of electrical conductors	89730120.6	5/11/89	0360727	10/12/94
	88-097	IT	Connection device for switchung or disconnection line paths in telephone exchanges	89115536.8	8/23/89	0365780	4/26/95
	88-098	IT	Plug connector for telecommunication and data systems	89730204.8	8/23/89	0373096	9/8/93
	88-159	IT	Connecting element for optical waveguides	88112078.6	7/27/88	0309677	12/15/93
	89-005	IT	Protection plug for connector banks of telecommunication and data systems	90101057.9	1/19/90	0388585	12/21/94
	89-006	IT	Connector banks with voltage surge protection	90250072.7	3/16/90	0399628	6/7/95
	89-008	IT		90111280.5	6/15/90		
	89-010	IT	Wire connector for cable wires, in particular of telecommunication cables	90115668.7	8/16/90	0428832	1/12/94
	89-101	IT	Plug connector	90250004.0	1/4/90		
	89-102	IT	Shield connecting element for a connector bank	90250003.2	1/4/90	03823322	10/6/93
	89-192	IT	Electrical Connector	90122815.5	11/29/90	0445376	4/19/95
	90-002	IT	Voltage limiter	90122922.9	11/30/90	0440905	8/30/95
	90-006	IT	Connecting block for the telecommunication and data technology	91100348.1	1/12/91	0446572	1/11/95
	90-008	IT		91102642.5	2/22/91	0447834	
	90-009	IT	Device for displaying announcements, in particular prices in numerical form	91103873.5	3/14/91	0451528	9/8/93
	90-011	IT	Terminal block for telecommunications systems	91103990.7	3/15/91	0456987	5/6/93
	90-012	IT	Cutting Clamping Contact	91106635.5	4/25/91	0459144	5/24/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-015	IT	Protective circuit and protective device plug for telecommunication installations	91110018.8	6/19/91	0471167	5/25/94
	90-021	IT		91115168.6	9/7/91	0484654	12/5/91
	91-001	IT		91119994.1	11/23/91		
	91-010	IT		92108267.3	5/15/92		
	91-011	IT	Insulation displacement contact terminal	92111624.0	7/9/92	0525457	3/6/96
	91-013	IT	Terminal bank for the telecommunication and data technology	92111854.3	9/9/92	0529267	6/16/99
	91-014	IT	Cutting and clamping sleeve contact	9211972.3	7/14/92	0531664	1/31/96
	91-022	IT	Switching assembly for glass fibre cables of the telecommunication and data technology	92113177.7	8/3/92	0536496	2/11/98
	91-029	IT		92109367.0	6/3/92	0528125	9/7/94
	92-004	IT	Case, in particular cable branching case	92120714.8	12/4/92		
	92-006	IT	Cutting and clamping Terminal Element	93101539.0	2/2/93	0558937	1/3/96
	92-009	IT			2/24/93		
	92-013	IT	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	93106602.1	4/23/93	0582779	1/3/96
	92-014	IT	Split flap display device	93110150.5	6/25/93	0583577	1/3/96
	92-015	IT	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	93112697.3	8/7/93		
	92-019	IT	Method for elctronically labelling articel	93250311.3	11/10/93		
	92-021	IT		93115054.4	9/18/93	0601290	6/4/97
	92-022	IT	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	93114996.7	9/17/93	0601289	11/27/96
	92-024	IT	Signal-connector with capacitive adjustment for improved crosstalk parameters	93113952.1	9/1/93	0598192	1/8/97
	92-025	IT	Method and arrangement for optically representing information	93114019.8	9/2/93		
	92-026	IT	Method and arrangement for establishing networks of electro-optical display-field modules	93116523.7	10/13/93		
	93-005	IT	Closing device for the door of a casing	TO93A000999	12/27/93	1261402	5/20/96
	93-006	IT		931119488.0	12/3/93		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	93-008	IT	Termination device for the communication and data technique	93119249.6	11/30/93		
	93-009	IT	Distribution device, in particular for the main distribution device of telephone and data lines	93119583.8	12/4/93	0618741	3/18/98
	93-015	IT	Cable branching device	94103854.9	3/14/94	0623832	5/27/98
	93-017	IT	Method for monitoring the filing levels of material of value collection containers	94105657.4	4/13/94		
	93-020	IT	Termination module	94105314.2-2214	4/6/94	0632527	1/20/99
	93-023	IT	Connection block for high speed transmission in the telecommunication and data system	94108404.8	6/1/94	0637097	9/2/98
	93-028	IT	Clamping Terminal unit	94112249.1	8/5/94	0643454	1/14/98
	93-030	IT	Terminal block	94113179.3	8/24/94	0645841	11/11/98
	93-032	IT	Electrical Plug Connector	94114414.9	9/14/94		
	93-033	IT		94114068.3	9/8/94		
	93-034	IT	Termination unit for telecommunication and data lines	94116632.4	10/21/94		
	93-036	IT	Coupling device between a glass fibre and a dielectric waveguide	94117310.6	11/3/94		
	94-003	IT	Digital electronic Loop Crossconnect & Carrier System	94117980.6	11/25/94		
	94-005	IT	Separation spark gap for limiting the maximum voltage on a surge arrester	94118945.8	12/1/94	0665619	3/5/97
	94-006	IT	Winding cartridge	94108836.1	6/9/94		
	94-007	IT	Insulation displacement contact element	94117060.7	10/28/94	0665614	4/19/00
	94-009	IT		94119809.5	12/15/94	0667650	9/9/98
	94-012	IT	Obliquely disposed insulation displacement contact	95100738.4-2214	1/20/95	0675564	9/30/98
	94-015	IT	Housing for optical components	95102617.8	2/24/95	0679917	1/19/00
	94-018	IT	Automatic distribution device for telecommunication and data lines	95106047.4	4/22/95		
	94-019	IT	Distribution apparatus, particularly for the main distributor of telecommunications or data lines	95107287.5	5/13/95	0689365	1/24/01
	94-021	IT	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95105067.3	4/5/95	0690539	7/7/99
	94-022	IT	Electrical Plug Connector	95106785.9	5/5/95	0693801	8/26/98
	94-025	IT	Printed Circuit Board for Connectors	95108378.1	6/1/95	0697804	2/9/00

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-026	IT	Flip-over Display Module	95109294.9	6/16/95		
	94-027	IT	Manufacturing process for structured metal plating on surfaces	94113917.2	9/6/94	0643153	6/19/96
	94-031	IT	Protection plug	95109298.0	6/16/95	0706194	9/3/97
	94-032	IT	Terminal element	95109771.6	6/23/95	0706234	11/24/99
	94-035	IT	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	95111172.3	7/15/95		
	94-036	IT	Cable protection element	95106431.0	4/28/95		
	94-037	IT	19"Racking system	95106430.2-2207	4/28/95		
	95-006	IT	Electrical Connectors	96105422.8	4/4/96		
	95-009	IT	Switching field	96112250.4-2302	7/30/96	0758792	10/17/01
	95-010	IT	Electrical Connector	96112491.4	8/2/96		
	95-012	IT	Distribution device for telecommunications and data technique	96113135.6	8/16/96		
	95-013	IT	Termination device for the telecommunication and data technique	96114423.5-2209	9/10/96		
	95-016	IT	Terminal block for high transmission rates	96111904.7-2308	7/24/96	0766352	11/29/00
	95-017	IT	Connecting device for telecommunication and data technique	96110940.2-2308	7/6/96		
	95-019	IT	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96113454.1-2209	8/22/96		
	95-020	IT	Automatic re-arrangement and distribution device for telecommunication and data lines	96115100.8	9/29/96		
	95-022	IT	Main distribution frame MDF	96920705.9	6/26/96		
	96-001	IT	Electronic access control and security system	97101244.8	1/28/97		
	96-002	IT	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97101240.6	1/28/97	0797379	9/18/02
	96-005	IT	Management-capable splice cassette	97101253.9	1/28/97		
	96-006	IT	Earthing module	97104914.3-2308	3/22/97		
	96-007	IT	Termination tool	97104913.5-2308	3/22/97		
	96-011	IT	High density high performance connector	97108131.0	5/20/97		
	96-013	IT	Connecting terminal	97111592.8	7/9/97	0837525	11/8/00

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-018	IT	Clamping device	97118901.4	10/30/97	0844694	3/1/00
	96-019	IT	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-020	IT	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	96-021	IT	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	97118903.0	10/30/97	0849850	7/11/01
	97-002	IT	Outdoor housing	98102656.0	2/17/98	0863593	8/29/01
	97-003	IT	Protection Plug	98102655.2	2/17/98	0862197	6/9/99
	97-008	IT	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-011	IT	Cable fastening	98102653.7	2/17/98		
	97-012	IT	Distribution block for telecommunication and data technology	98103424.2	2/27/98		
	97-013	IT	Stationary housing with wall elements made of plastic	98103423.4	2/27/98		
	97-016	IT	Overvoltage protection module	98107492.5	4/24/98		
	97-017	IT	Safety Plug (Terminator)	98107586.4	4/25/98		
	97-018	IT	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-019	IT	Interface module	98107578.1	4/25/98		
	97-022	IT		98114148.4	7/29/98		
	97-023	IT	Method for designing a telecommunications and data network	98948732.7	8/6/98		
	97-025	IT	Casing	98117540.9	9/16/98	0910146	5/25/05
	97-028	IT	Apparatus for connecting cable cores	98119013.5	10/8/98		
	97-030	IT	High Frequency Cable	98964444.8	11/27/98		
	97-031	IT	Electrical power outlet with IDC connections	98121647.6	11/12/98	0921611	6/4/03
	97-032	IT	Patch Panel with retractable patch cord	98123266.3	12/7/98		
	98-001	IT	Optical fibre connector	98960871.6	12/8/98		
	98-002	IT	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-004	IT	Casing	99101294.9	1/25/99	0938163	4/27/05
	98-005	IT	Clamping element for cable shielding	99104341.5	3/4/99	0944132	12/20/00

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-010	IT	Electrical Connector	99107064.0	4/10/99	0952635	8/24/05
	98-013	IT	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	IT	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-023	IT	Electrical Connector	99112489.2	7/1/99		
	98-024	IT	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	98-025	IT	Shielding device for connection strips in telecommunications and data engineering	99952571.0	10/14/99		
	99-001	IT	Connection element for cable conductor	99121852.0	11/4/99	1018786	9/19/01
	99-002	IT	Surge arrester mounting unit for telecommunications and data systems equipment	99121037.8	10/21/99		
	99-006	IT	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07
	99-007	IT	Connector element with closure device	00916921.0	3/10/00		
	99-009	IT	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-010	IT	Traction relief device for a wire	00110099.9	5/13/00		
	99-014	IT	Frontpanel for LWL-modules	00115726.2-2205	7/21/00		
	99-018	IT	Electrical Connector	00124720.4	11/13/00		
	99-019	IT	Distribution cabinet	99121185.5	10/22/99	1047167	9/17/03
	E-TO-00029	IT	Modular Plug with Slider Latch	06825360.8	10/2/06	1932219	4/1/09
	ITRACS001	IT	A System for Monitoring Connection Pattern of Data Ports	00919250	4/5/00	1173811	9/13/06
	ITRACS001	IT	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
	ITRACS001	IT	Data Cable for Monitoring Connection Pattern of Data Ports	06019065.9	4/5/00	1758028	3/17/10
	ITRACS001	IT	A System for Monitoring Connection Pattern of Data Ports	10156685.9	4/5/00	2228728	9/26/12
	MP0122	IT	Wraparound Closure Sleeve	27288A71	8/6/71	933819	1/1/73
	MP0220	IT	Pressurized Splice Case	30211A/76	12/9/76	1065033	2/25/85
	MP0252	IT	Method Of Encapsulation	23559A/78	5/18/78	1095502	8/10/85
	MP0268	IT	Heat Recoverable Articles And Their Uses	22010A/79	4/19/79	1202912	2/15/89

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0718COM	IT	Corrugated Ht Rec. Tape & Flexible Collar Tee	81302605.1	6/11/81	0042262	6/5/85
	MP0757	IT	Air Vent Assembly	82300555.8	2/3/82		
	MP0766	IT	Fiber Optic Splicing	20957A/82	4/27/82	1151332	12/17/86
	MP0781COM	IT	Flat Sheet Closure & Method	82304743.6	9/9/82		
	MP0798COM	IT	Fiber Optic Organizer	83300177.9	1/13/83		
	MP0799COM	IT	Paddlecard Terminator	82306555.2	12/8/82	0081389	9/3/86
	MP0838COM	IT	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	83306140.1	10/11/83	0108518	1/18/89
	MP0849	IT	Optical Fiber Adhesive Joint Tube - Release Agent	84300771.7	2/7/84	0121988	4/20/88
	MP0850	IT	Optical Fiber Adhesive Joint Tube - Hourglass Shape	84300770.9	2/7/84		
	MP0855	IT	A Mechanical Coupling Assembly And Method Of Using Same	20298A/84	3/29/84	1223637	9/26/90
	MP0871A	IT	Protective Article	86302209.1	3/25/86	0196219	7/22/92
	MP0874	IT	Tube Storage And Delivery Device	84306793.5	10/5/84	0145153	11/5/86
	MP0889	IT	Method And Apparatus For Determining Attenuation Across Optical Fiber Splice	84307314.9	10/24/84		
	MP0899	IT	Light Launch Detection & Splicing Devices For Loose Tube Buffered Optical Fiber	85300528.8	1/25/85		
	MP0900	IT	Wraparound Article	84308644.8	12/12/84	0147130	8/7/91
	MP0995COM	IT	Optical Fiber Termination	85308204.8	11/12/85		
	MP0997	IT	Center Conductor Closure	85308790.6	12/3/85		
	MP1018	IT	Splice Case	86300045.1	1/6/86	0189240	3/28/90
	MP1019	IT	Liner For Making Pressurized Splice Closure	86300833.0	2/6/86	0194040	5/16/90
	MP1027	IT	Closure Including Gel-Filled End Seals	86300835.5	2/6/86		
	MP1045	IT	Drop Wire Branch Article	86301678.8	3/10/86		
	MP1077	IT	Determining Splice Attenuation	86305112.4	7/1/86		
	MP1078	IT	Corrosion Protection Apparatus	86306401.0	8/19/86	0213874	11/19/92
	MP1085	IT	Compression Pressure Indicator	86307415.9	9/26/86		
	MP1092	IT	Optical Fiber Contact And Connector	86309060.1	11/19/86	0223609	2/16/94

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1093	IT	Optical Fiber Connector	86309059.3	11/19/86		
	MP1097	IT	Apparatus For Relieving A Load Across A Cable Repair Region	86308773.0	11/11/86		
	MP1111	IT	Insulation Displacement Connector For High Axial Strength	87304130.5	5/8/87		
	MP1112	IT	Universal End Plate-Gel Seal	87301044.1	2/5/87		
	MP1125	IT	Optical Fiber Termination Using An Elastic Convex Dam	87304031.5	5/6/87		
	MP1129	IT	Splice Closure System	87903804.0	5/29/87		
	MP1140COM	IT	Strained Distributed Optical Fiber Communication System	87307394.4	8/21/87	0257999	4/28/93
	MP1155	IT	Coaxial Connector Moisture Seal	87309383.5	10/23/87		
	MP1177	IT	Optical Fiber Tap Utilizing Reflector	88301189.2	2/12/88	0278775	9/13/95
	MP1184	IT	Alignment And Location Sleeve For Fiber Optic Contacts	88904743.7	3/21/88		
	MP1206COM	IT	Terminal Block	88306146.7	7/6/88	0298713	2/9/94
	MP1210	IT	Annealing Bent Optical Fiber	88306933.8	7/27/88		
	MP1223	IT	Rotary Closure And Grommet	89901178.7	12/8/88		
	MP1238	IT	Telephone Junction Box And Switch Therefor	89902881.5	2/8/89	0408582	4/19/95
	MP1239COM	IT	Telecommunication Terminal Block Or Adapter	89903328.6	3/4/89		
	MP1240	IT	Telecommunications Terminal Block	89902605.8	2/17/89	0402374	1/25/95
	MP1243	IT	Cable Sealing Apparatus	89904715.3	4/4/89		
	MP1254	IT	Optical Fiber Jaw Connector	89905535.4	4/4/89		
	MP1258	IT	Splice Case	89905534.7	4/26/89	0414756	7/27/94
	MP1260	IT	Optical Fiber Termination Coating Dispenser				
	MP1275	IT	Rotary Connection Strain Relief On Terminal Block	89911333.6	9/19/89		
	MP1293	IT	E-Z-On Connectors	90909963.2	6/8/90	0476056	9/6/95
	MP1345COM	IT	Binding Post For Wide Tolerance Caps	90915250.6	9/21/90		
	MP1351	IT	Cable Television Connection System	90312384.2	11/13/90		
	MP1374A	IT	Alarm And Test System For A Digital Added Mail Line	91914225.7	8/1/91		
	MP1374A	IT	Alarm And Test System For A Digital Added Mail Line	95201384.5	8/1/91	0682435	1/13/99

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1374A	IT	Alarm And Test System For A Digital Added Mail Line	97200093.9	8/1/91	0771052	10/14/98
	MP1374B	IT	Gel Filled Electrical Connector	93900806.6	12/3/92	0615662	3/4/98
	MP1374C	IT	Gel Filled Modular Electrical Connecting Block	94906610.4	1/12/94	0680666	6/9/99
	MP1374C	IT	Gel Filled Modular Electrical Connecting Block	98203335.9	1/12/94	0892467	4/16/03
	MP1391	IT	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	91918523.1	10/3/91	0552244	12/20/95
	MP1404	IT	Hermaphroditic Gel Closure	92908708.8	3/13/92	0575520	12/18/96
	NC004	IT	Telecommunications Terminal Block	92922043.2	10/5/92	0685119	1/20/99
	NC012	IT	Fiber Optic Splice Closure	94902329.5	11/20/93	0671021	2/13/02
	NC022	IT	Improved Idc Having Wire Slippage Control	0919073	8/14/97	20087 BE/2002	10/31/01
	NC044	IT	Fiber Optic Splice Closure Including Side Pivoting Slack Storage Holder And Associated Methods	99971929.7	11/12/99	1137962	1/14/04
	NC047	IT	Bulbous Configured Fiber Optic Splice Closure And Associated Method	00935820.1	3/29/00	1175634	2/19/03
02316.3884ITEP	E-TO-00049	IT	Electrical Connector Adaptor with Strain Relief	06825295.6	10/2/06	1949507	4/1/09
02316.3904ITEP	18147	IT	INTERFACE ADAPTER MODULE	05730108.7	4/26/05	1754288	4/2/08
02316.3918ITEP	E-TO-00223	IT	Cassette for Use Within a Connectivity Management System	10709590.3	2/24/10	2401792	4/9/14
100.0070/01		IT	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	01201516.0	1/24/97		
2316.1006/01		IT	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	00902294.8	1/3/00	1142348	10/24/07
2316.1011/I2		IT	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	73733BE/2003	2/16/00	1 166 161	11/26/03
2316.1011/I4		IT	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	00964881.7	5/25/00	1185897	12/13/06
2316.1904/I1		IT	Cross-connect method and apparatus	96908749.3	3/19/96	0815622	5/14/03
2316.2295/I1		IT	FRAME FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT AND ASSOCIATE METHODS	10180636.2	11/17/04	2264499	3/19/14
2316.2295/I1		IT	FRAME FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT AND ASSOCIATE METHODS	10180735.2	11/17/04	2264501	7/25/12
2316.2298/U1		IT	OPTICAL FIBER DROP TERMINAL	10178297.7	11/2/05	2259115	7/31/13
2316.2584/P2		IT	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	08837186.9	8/5/08	2176696	4/23/14

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2584/P4		IT	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	08799151.9	9/4/08	2185962	8/22/12
5487.225.WO	E-TO-00027	IT	Optical Fiber Repair Apparatus with Adjustable Guide Member and Methods for Using the Same	06740128.1	3/30/06	1872164	5/5/10
TYCEO/P32112EP	NC059	IT	Low Profile Optical Fibre Network Interface Enclosure	01204160.4	10/30/01	1203974	2/1/06
16012		IT	DIVERGENT LOAD BAR	789939	9/8/95	25808-BE/99	6/23/99
16121		IT	WIRE CONNECTING SYSTEM	826251	4/4/96	20045BE/2000	1/5/00
40484		IT	TWISTED PAIR CABLE AND CONNECTOR ASSEMBLY	97102403.9	2/14/97	793305	9/11/02
40758		IT	CONNECTOR CABLING TERMIINATOR	99100687.5	1/15/99	1020964	10/12/05
61015		IT	RF MODEM WITH IMPROVED BINARY TRANSVERSAL FILTER	87309417.1	10/26/87	269253	5/6/92
13621		IT	LOCAL AREA NETWORK INTERFACE	87904196.0	6/11/87	274487	1/11/95
13621		IT	LOCAL AREA NETWORK INTERFACE	94201482.0	6/11/87	614249	11/20/96
13621		IT	LOCAL AREA NETWORK INTERFACE	94201481.2	5/25/94	614248	11/20/96
14000		IT	LAN COMMUNICATION SYSTEM AND MEDIUM ADAPTER FOR USE THEREWITH-Communication	88903570.5	3/21/88	307461	7/14/93
14035		IT	MODULAR PLUG COUPLER	88310105.7	10/27/88	319138	8/11/93
14305		IT	CYLINDRICAL INSULATION DISPLACING CONNECTOR	89305747.1	6/7/89	348066	4/6/94
14527		IT	POWER DISTRIBUTION SYSTEM FOR MODULAR FURNITURE UNITS	90115172.0	8/7/90	413242	3/27/96
14528		IT	PLUG-IN OUTLET UNIT FOR MODULAR FURNITURE POWER DISTRIBUTION SYSTEM	90115170.4	8/7/90	413241	3/22/95
14764		IT	INSULATION DISPLACING BARREL TERMINAL	92921641.4	10/7/92	560971	2/26/97
15185		IT	TRUNK CABLE FAULT DETECTION AND RECONFIGURATION ARRANGEMENT		7/20/92		
15239		IT	TELEPHONE JUNCTION ENCLOSURE AND SYSTEM FOR SEALING A WIRE OPENING ARRAY	93300810.4	2/4/93	556979	4/24/96
15263		IT	CABLE STRAIN RELIEF FOR A SHIELDED ELECTRICAL CONNECTOR	93107592.3	5/10/93	569918	8/28/96
15396		IT	IMPROVED SHIELDED ELECTRICAL CONNECTOR	587303	8/6/93	70630BE-98	10/21/98
15415		IT	CATEGORY 5 TELECOMMUNICATION CABLE	MI94A001059	5/25/94	1270136	4/29/97
15544		IT	OVERMOLD STRAIN RELIEF AND SNAG PREVENTION FEATURE	782774	7/14/95	22559BE/98	4/22/98
15618		IT	ELECTRICAL CONNECTOR WITH SLOTTED BEAM CONTACT	664575	12/15/94	68569BE-99	4/14/99
40057		IT	SHIELDED DATA CONNECTOR	93301280.9	2/22/93	558250	4/16/97
40256		IT	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	716477	11/23/95	23783BE/2001	8/22/01

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
40639		IT	CAPACITANCE COUPLED CROSS-TALK SUPPRESSING COMMUNICATIONS CONNECTOR	TO98A000548	6/25/98	1304686	3/21/01
40702		IT	DATA TRANSMISSION METHOD	TO98A000537	6/22/98	1304685	3/28/01
61019		IT	METHOD AND APPARATUS FOR TESTING FIBER OPTIC HUBS	88309579.6	10/13/88	315331	3/18/92
68016		IT	FIBER OPTIC ATTENUATOR	93907355.7	3/8/93		
8413		IT	ELECTRICAL TERMINALS FOR FLAT TWO-CONDUCTOR LEAD IN WIRE	74/27072A	9/9/74	1021191	1/30/78
WR019		IT	Cable Sleve Assembly-Wraparound Sleeve Heads	22866A/78	4/28/78	1095619	8/10/85
WR035		IT	Cable Marker Plate	82103744	5/3/82		
WR045		IT	Inside-Out Moulded End Part	82105976.3	7/5/82	0080016	6/12/85
WR073		IT	Device For Splicing Wires	85110494.3	8/21/85		
WR074COM		IT	Branch-Out X-Filling Piece In Sleeve End	85116244.6	12/19/85		
WR082		IT	S.C.O.P. With Pattern Of Recesses	86304520.9	6/12/86		
WR090		IT	Fiber Optic Organizer	86110361.2	7/26/86	0216073	9/20/89
WR102		IT	Heat Shrink Radi With Removable Outlets	87301936.8	3/5/87	0236141	11/11/92
WR103		IT		87304348.3	5/15/87		
WR118		IT	Cable Cutting Tool	89105061	3/21/89	0338273	6/3/92
WR119		IT	High Frequency Shielded Connection For Coax Cable	89110438.2	6/9/89		
WR120		IT	Multi-Outlet Box For Cables	89111573.5	6/24/89		
WR129		IT	Device For Sealing Unoccupied Cable Conduits	89104239.2	3/10/89	0386299	8/3/94
WR133		IT	Electrical Plug Connector	90110859.7	6/8/90		
WR136		IT	Cable Splice				
WR137		IT	Connection To Terminal Plate. Similarity To D. Terminator	91907679.4	4/12/91		
WR140		IT	Mechanical Radi Seal	91916615.7	9/12/91	0548203	8/21/96
WR142		IT		91920407.3	11/27/91		
WR145		IT	Fibre Optic Housing With Consumer Tap And Lead To Next Consumer I Same Housing.	92109429.8	6/4/92	0531628	9/25/96
WR156		IT	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	93919538.4	9/14/93		
WR160		IT	Catv Splitter With Variable Attenuation	94903960.6	1/6/94	0678221	6/4/97
WR163		IT	Uteic With Dust Flap	94919793.3	7/8/94		
WR164		IT	Uteic Cable Gripper With Self-Centring	94902984.7	1/6/94		
WR166		IT	Shaped Silicone Rubber Seal For Uteic Closure	94924915.5	8/23/94		
WR168		IT		94931106.2	10/27/94		
WR172		IT	Catv Tap With Power Tap-Off	95932823.8	9/26/95		
	99-016	JM	STC-Module	18/1/4070	11/21/00		
	00-012	JO	Assembly and method for use in terminating an optical fiber or fibers		6/10/01		
40.1620		JP	PATCH MODULE	57-109642/82	6/25/82	1,613,590	8/22/90

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0043		JP	CIRCUIT AND METHOD FOR SERVICE CLOCK RECOVERY	2000-529058	1/19/99		
100.0045		JP	PHASE LOCK LOOP FOR SYNCHRONOUS REFERENCE CLOCKS	2000-519954	11/10/98		
100.0049		JP	ADDED BIT SIGNALLING IN A TELECOMMUNICATIONS SYSTEM	7-501781	5/10/94		
100.0061		JP	MULTI-POINT TO POINT COMMUNICATION SYSTEM	11-177550	2/6/96		
100.0061		JP	MULTI-POINT TO POINT COMMUNICATION SYSTEM	8-524374	2/6/96	2,986,921	10/1/99
100.0062		JP	METHOD OF COMMUNICATION CHANNEL MONITORING	8-524387	2/6/96		
100.0106		JP	PROTECTION SWITCHING OF VIRTUAL CONNECTIONS	2000-532996	1/22/99	3811007	6/2/06
100.0382		JP	EDGE-EMITTING LIGHT EMITTING DIODE	60-500956	2/23/85	1,965,730	2/23/85
100.0384		JP	COLLISION DETECTION USING CODE RULE VIOLATIONS OF THE MANCHESTER CODE	3-500362	10/2/90	2,833,862	10/2/90
100.0408		JP	TEST ACCESS SYSTEM AND METHOD FOR DIGITAL COMMUNICATION LINKS	2000-527054	12/23/98		
100.0409		JP	TEST ACCESS SYSTEM AND METHOD FOR DIGITAL CROSS CONNECT COMMUNICATION NETWORKS	2001-502368	6/7/00		
100.0411		JP	TEST ACCESS AND PERFORMANCE MONITORING SYSTEM AND METHOD FOR CROSS-CONNECT COMMUNICATION NETWORK	2000-544089	12/23/98		
100.0622		JP	MULTIPLE PORT, FIBER OPTIC CIRCULATOR	2000-578694	10/19/99		
100.0623		JP	MULTIPLE PORT, FIBER OPTIC ISOLATOR	2000-578693	10/19/99		
100.0624		JP	MULTIPLE PORT FIBER OPTIC COUPLING DEVICE	2000-578684	10/19/99		
100.0626		JP	FIBER OPTIC DEVICE OPERATING AT TWO OR MORE WAVELENGTHS	2001-560722	2/16/01		
100.0627		JP	FIBER OPTIC ISOLATOR FOR USE WITH MULTIPLE-WAVELENGTH OPTICAL SIGNALS	2001-560732	2/16/01		
100.0629		JP	RETROREFLECTIVE SHEETING MATERIAL, A METHOD OF ITS PRODUCTION AND ITS USE	7-511194/95	10/4/94		
100.0632		JP	A METHOD OF OPTIMIZING THE POINTS OF OPERATION OF LASERS AND MEANS TO THIS END	2000-530962	1/20/99		
100.0633		JP	A METHOD OF EVALUATING TUNEABLE LASERS	2000-600334	2/15/00	3679714	5/20/05
100.0634		JP	A METHOD OF CHARACTERIZING A TUNEABLE LASER	2000-604502	2/15/00		
100.0635		JP	A METHOD OF CHARACTERIZING A TUNEABLE LASER AND DETERMINING ACTUAL WAVE LENGTH	2000-604503	2/15/00	3638524	1/21/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0701		JP	USE OF FORWARD ERROR CORRECTION IN WIDEBAND DIGITAL RF TRANSPORT SYSTEMS	2008-556500	2/15/07		
100.0707		JP	PROVIDING WIRELESS COVERAGE INTO SUBSTANTIALLY CLOSED ENVIRONMENTS	2008-515931	6/8/06		
100.0729		JP	Centrally located equipment for wireless telephone system	2000-532984	2/19/99	4426098	12/18/09
100.0739		JP	BROADCAST DOWNLOAD TECHNIQUE	2000-62046	5/19/00		
100.0740		JP	IMPROVED REVERSE PATH AUTOGAIN CONTROL	2000-620671	5/19/00		
100.0912		JP	PACKET NETWORK MONITORING DEVICE	9-527,111	1/28/97		
100.0914		JP	METHOD AND SYSTEM FOR PERFORMING ONSITE MAINTENANCE OF WIRELESS COMMUNICATION SYSTEMS	2011-510615	5/19/09		
100.0916		JP	METHOD AND APPARATUS FOR SWITCHING IN A TDD SYSTEM	2011-516496	6/22/09	5449344	1/10/14
100.0921		JP	METHOD AND APPARATUS FOR FRAME DETECTION IN A COMMUNICATIONS SYSTEM	2011-514886	6/22/09	5406924	11/8/13
100.0924		JP	SYSTEM AND METHOD FOR SYNCHRONIZED TIME-DIVISION DUPLEX SIGNAL SWITCHING	2011-514885	6/22/09	5583664	7/25/14
100.0925		JP	SYSTEM AND METHOD FOR CONFIGURABLE TIME-DIVISION DUPLEX INTERFACE	2011-514884	6/22/09	5406923	11/8/13
100.0937		JP	Distribution of radio-frequency signals through low bandwidth infrastructures	9-538346	4/18/97	3565563	6/18/04
100.0948		JP	System and method for distributing wireless communication signals over metropolitan telecommunication networks	2004-559071	10/14/03	4505334	4/30/10
100.0953		JP	System for and method of for providing dedicated capacity in a cellular network	2009-520750	7/3/07		
100.0953		JP	System for and method of for providing dedicated capacity in a cellular network	2013-020359	2/5/13		
100.0953		JP	System for and method of for providing dedicated capacity in a cellular network	2014-164490	8/12/14		
100.0953		JP	System for and method of for providing dedicated capacity in a cellular network	2013-020359	2/5/13		
100.0954		JP	DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM AND METHODS OF IMPLEMENTING THEREOF	2009-526619	8/7/07	5055369	8/3/12
100.0955		JP	SYSTEM AND METHOD OF PROVIDING REMOTE COVERAGE AREA FOR WIRELESS COMMUNICATIONS	2009-542769	11/8/07		
100.0958		JP	DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM	2010-514726	11/8/07	5258881	5/2/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0973		JP	CELLULAR NETWORK COMMUNICATION SYSTEM	2000-569597	9/3/99		
100.1057		JP	A METHOD OF WAVELENGTH LOCKING AND MODE MONITORING A TUNABLE LASER	2000-600335	2/15/00		
100.1058		JP	A METHOD AND ARRANGEMENT FOR CONTROLLING A TUNEABLE LASER	2001-508563	6/21/00		
100.1066		JP	RANGE EXTENSION FOR TIME DIVISION DUPLEX SYSTEMS	2011-553060	3/3/10		
100.1071		JP	METHOD AND APPARATUS FOR DETERMINING AN END OF A SUBFRAME IN A TDD SYSTEM				
100.1075		JP	SYSTEMS AND METHODS FOR MOBILE PHONE LOCATION WITH DIGITAL DISTRIBUTED ANTENNA SYSTEMS	2011-546287	1/11/10		
100.1077		JP	MULTIPLE UP/DOWN CONVERTERS-CHANNELIZED MULTIPLE UP/DOWN PATHS IN A DIGITAL-ANALOG RADIO TRANSCEIVER	2011-546307	1/13/10		
100.1078		JP	METHOD AND SYSTEM FOR DIGITALLY EQUALIZING A SIGNAL IN A DISTRIBUTED ANTENNA SYSTEM	2011-547940	12/21/09		
100.1095		JP	METHOD OF INSERTING CDMA BEACON PILOTS IN OUTPUT OF DISTRIBUTED REMOTE ANTENNA NODES	2012-511947	5/18/10	5575230	7/11/14
100.1110		JP	METHOD AND SYSTEM FOR CHARACTERIZING TERMINATIONS IN A LOCAL AREA NETWORK	10-505394	7/9/97		
100.1111		JP	COMPUTER NETWORK CROSS-CONNECT PANEL PROVIDING PHYSICAL LAYER MONITORING AND METHOD THEREFOR	10-520660	10/28/97		
100.1117		JP	AN ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND INTERNET PROTOCOL BACKHAUL	2010-546079	2/6/09	5406217	11/8/13
100.1118		JP	AN ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND SUPPORTING MULTIPLE-DEVICE RING FOR INCOMING CALLS	2010-546080	2/6/09		
100.1118		JP	AN ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND SUPPORTING MULTIPLE-DEVICE RING FOR INCOMING CALLS	2013-022554	2/7/13	5503761	3/20/14

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1119		JP	AN ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND THE SESSION INITIATION PROTOCOL	2010-546081	2/6/09	5412444	11/15/13
100.1150		JP	Wavelength tunable Optoelectronic Apparatus	537146/1998	1/26/98	4322912	12/19/08
100.1153		JP	DISTRIBUTED ANTENNA SYSTEM (DAS) WITH DELAYED TRANSPORT TO PAIRED ANTENNAS	2011-550184	2/9/10		
100.1157		JP	Photon Detector and Method of Manufacturing	09 541544	5/21/97	3953525	5/11/07
100.1239		JP	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE				
100.1239		JP	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE	2015-520379	6/25/13		
2316.0019		JP	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSING	60-169917	8/2/85	1,731,509	1/29/93
2316.0024		JP	ELECTRICAL JACK	60-70168	4/4/85		
2316.0041		JP	ELECTRICAL CONNECTOR APPARATUS	60-247284	11/6/85	1,703,641	10/14/92
2316.0051		JP	MODULAR DISTRIBUTION FRAME	60-237786	10/25/85		
2316.0056		JP	ELECTRICAL CONNECTOR APPARATUS	60-247283	11/6/85	1,663,192	5/19/92
2316.0061		JP	LAMP RECEIVING APPARATUS	61-187003	8/11/86		
2316.0068		JP	ELECTRICAL CONNECTOR AND METHOD	61-39325	2/26/86		
2316.0074		JP	MODULAR INTERCONNECT BLOCK WITH PROTECTOR STRUCTURE	61-45472	3/4/86		
2316.0095		JP	JACK DEVICE	61299107	12/13/86	2,593,860	12/12/96
2316.0097		JP	INSERTION TOOL TIPS	61-247650	10/20/86		
2316.0100		JP	MULTIGAUGE-MULTIWIRE INSULATION DISPLACEMENT TERMINAL	61-248525	10/21/86		
2316.0106		JP	LOW RF EMISSION FIBER OPTIC TRANSMISSION SYSTEM	62-128504	5/27/87		
2316.0110		JP	INSERTION TOOL	62-33551	2/18/87		
2316.0113		JP	TERMINAL ASSEMBLY	6,233,552	2/18/87		
2316.0114		JP	TERMINAL TEST PLUG	62-35935	2/20/87		
2316.0117		JP	ELECTRICAL CONNECTOR	62-167954	7/7/87		
2316.0123		JP	OPTICAL FIBER DISTRIBUTION APPARATUS	61-217336	9/17/86		
2316.0140		JP	JACK ASSEMBLY	63-53854	3/9/88		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0143		JP	DELAY COMPENSATED JACK	01766790	1/26/90		
2316.0145		JP	JACK ASSEMBLY	2-333397	11/28/90		
2316.0156		JP	MONOLITHIC FIBER OPTIC COUPLER HAVING TOTAL INTERNAL REFLECTING SURFACE	62-106160	4/28/87		
2316.0156		JP	MONOLITHIC FIBER OPTIC COUPLER HAVING TOTAL INTERNAL REFLECTING SURFACE	63-119740	9/12/88		
2316.0166		JP	UNITARY BODY OPTICAL COUPLER	191806/1985	8/30/85		
2316.0204		JP	DIGITAL CROSS CONNECT ASSEMBLY	20749290	8/3/90		
2316.0212		JP	OPTICAL FIBER STORAGE CONTAINER	16252690	6/20/90		
2316.0237		JP	FIBER OPTIC CONNECTOR MODULE	3-197152	7/11/91		
2316.0249		JP	OPTICAL SWITCH ASSEMBLY	3-19530	1/19/91		
2316.0253		JP	OPTICAL SWITCH WITH REDUCED REFLECTION	3,216,671	1/19/91		
2316.0266		JP	METHOD FOR CONSTRUCTING OPTICAL SWITCH	3-216672	1/18/91		
2316.0288		JP	JACK ASSEMBLY	3,167,550	6/12/91		
2316.0691		JP	SWITCHING COAX JACK DEVICE	10542808	3/23/98	3913790	2/9/07
2316.0777		JP	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	10542807	3/23/98	3996956	8/10/07
2316.0786		JP	FIBER CONNECTOR AND ADAPTER	PH10-550438	5/14/98	4194120	10/3/08
2316.0786		JP	FIBER CONNECTOR AND ADAPTER	2000-570624	9/1/99	4488330	4/9/10
2316.0786		JP	FIBER CONNECTOR AND ADAPTER	2007-329127	12/20/07	4390832	10/16/09
2316.0891		JP	REPAIRABLE CONNECTOR AND METHOD	2000-540604	1/12/01	4381603	10/2/09
2316.0942		JP	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	2000-552742	5/20/99		
2316.0951		JP	FIBER OPTIC ADAPTER, INCLUDING HYBRID CONNECTOR SYSTEM	2000-584334	11/10/99		
2316.1010		JP	MICROELECTROMECHANICAL OPTICAL SWITCH AND METHOD OF MANUFACTURE THEREOF	2001-516008	8/1/00	4456310	2/12/10
2316.1017		JP	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	2000-599221	2/10/00		
2316.1051		JP	HIGH DENSITY PATCHING SYSTEM	2000-613207	4/11/00	4511054	5/14/10
2316.1378		JP	MULTI-CIRCUIT SIGNAL TRANSFORMER	2002-560240	1/23/02		
2316.1397		JP	CARD EDGE COAXIAL CONNECTOR	2003-582863	3/21/03		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1533		JP	GUIDE FOR FEMALE BNC CONNECTOR PART	00530960	1/29/99		
2316.1637		JP	TRIAXIAL CONNECTOR ADAPTER AND METHOD	P2003-563053	1/16/03	4098722	3/21/08
2316.1638		JP	TRIAXIAL CONNECTOR INCLUDING CABLE CLAMP	2003-563052	1/16/03		
2316.1722		JP	TERMINATED COAXIAL CONNECTOR	2005-505501	5/7/03	4327161	6/19/09
2316.1737		JP	10/100 MBS NETWORK DEVICE	2006-528097	9/21/04	4842822	10/14/11
2316.1747		JP	POWER DISTRIBUTION PANEL WITH MODULAR INSERTS	2004-560780	12/12/03		
2316.1785		JP	TELECOMMUNICATIONS CONNECTION CABINET	2006/517505	6/18/04	4511530	5/14/10
2316.1787		JP	FIBER OPTIC CONNECTOR HOLDER AND METHOD	2006-517630	6/23/04	4663633	1/14/11
2316.1795		JP	TRIAXIAL BULKHEAD CONNECTOR	2006-523286	8/10/04	4435163	1/8/10
2316.1808		JP	JACK WITH MODULAR MOUNTING SLEEVE	2006-538308	10/29/04	4473275	3/12/10
2316.1822		JP	LONG FRAME HIGH DENSITY PATCHING SYSTEM	2007-522728	7/20/05		
2316.1832		JP	WDM SYSTEMS AND METHODS (CWDM)	2007501845	2/25/05	4746030	5/20/11
2316.1863		JP	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	2007-516637	6/13/05	4933427	2/24/12
2316.1868		JP	HIGH DENSITY COAXIAL SWITCHING JACK	2008-506529	4/7/06		
2316.1869		JP	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	2007-531410	9/9/05	4851459	10/28/11
2316.1888		JP	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	2006-538063	10/14/04		
2316.1888		JP	CABLE WITH OFFSET FILLER	2006-538066	10/14/04		
2316.1892		JP	Cable with twisting filler and shared sheath	2002-581533	4/16/02		
2316.1893		JP	High performance data cable	20000-545157	10/17/00		
2316.1906		JP	Cable with twisting filler	2000-564210	8/6/99		
2316.1912		JP	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	2007-540034	11/2/05	5006202	6/1/12
2316.2069		JP	LOOP PLUG	2007-553264	1/27/06		
2316.2105		JP	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	2008-506528	4/7/06	4819877	9/9/11
2316.2109		JP	FIBER OPTIC CONNECTOR HOLDER	2008-523982	7/20/06		
2316.2114		JP	FIBER OPTIC SPLITTER MODULE	2008-513551	5/18/06	5021634	6/22/12
2316.2115		JP	FIBER OPTIC ADAPTER MODULE	2008-513549	5/18/06		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2116		JP	FIBER OPTIC ADAPTER MODULE	2008-523958	7/19/06		
2316.2126		JP	SYSTEMS AND METHODS FOR LIFTING A TERMINAL ENCLOSURE IN BELOW GROUND APPLICATIONS	2008-513552	5/18/06		
2316.2138		JP	OPTICAL FIBER PATCH PANEL	507495/89	6/27/89	2,718,796	11/14/97
2316.2140		JP	SPLICE CHIP DEVICE	2008-528090	8/22/06		
2316.2143		JP	STACKABLE SPLICE CHIP DEVICE	2008-528092	8/22/06		
2316.2171		JP	CRIMPED CENTER CONDUCTOR	2008-537729	10/11/06		
2316.2172		JP	CONNECTOR INCLUDING MEDIA CONVERTER	2008-543359	11/22/06		
2316.2300		JP	SYSTEMS AND METHODS FOR HINGED PARKING IN FIBER DISTRIBUTION HUBS	2008-507843	4/19/06		
2316.2306		JP	HIGH DENSITY COAXIAL JACK	2009-506562	4/19/07	4875147	12/2/11
2316.2314		JP	FIBER OPTIC SPLITTER MODULE	2008-554289	2/6/07	5209503	3/1/13
2316.2474		JP	OVERHEAD CABLE TERMINATION ARRANGEMENT	2009-546480	1/15/08		
2316.2474		JP	OVERHEAD CABLE TERMINATION ARRANGEMENT	2014-221329	10/30/14		
2316.2832		JP	FIELD TERMINABLE FIBER OPTIC ASSEMBLY	2011-517643	7/10/09		
2316.3045		JP	ELECTRICAL PLUG FOR MANAGED CONNECTIVITY SYSTEMS	2012-535308	10/19/10		
2316.3053		JP	OPTICAL FIBER INTERCONNECT CABINETS, TERMINATION MODULES AND FIBER CONNECTIVITY MANAGEMENT FOR THE SAME	2006-507220	3/16/04		
2316.3071		JP	MANAGED FIBER CONNECTIVITY SYSTEMS	2015-137930	7/9/15		
2316.3071		JP	MANAGED FIBER CONNECTIVITY SYSTEMS	2012-553060	2/11/11		
2316.3071		JP	MANAGED FIBER CONNECTIVITY SYSTEMS	2012-553061	2/11/11		
2316.3233		JP	FIBER OPTIC CABLE FOR MULTI-DWELLING UNIT (MDU) AND COMMERCIAL BUILDING DEPLOYMENTS	2008-003852	1/11/08	5188187	2/1/13
2316.3233		JP	WALL-MOUNTABLE OPTICAL FIBER AND CABLE MANAGEMENT APPARATUS	2008-079790	3/26/08	5188230	2/1/13
2316.3384		JP	FIBER OPTIC RAPID SPOOLING TOOL	2008-161072	6/20/08	5172492	1/11/13
2316.3395		JP	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	2014-558801	2/20/13		
2316.3528		JP	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	2015-521777	7/10/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3597		JP	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
2316.3625		JP	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
2316.3627		JP	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
	TO-00499	JP	Wireless Drop in a Fiber-to-the-Home Network				
	17968	JP	NETWORK CONNECTION SENSING ASSEMBLY	2004-551782	11/5/03	4440111	1/15/10
	03-009	JP	Wall outlet box	2006-537103	10/8/04	4658952	1/7/11
	03-002	JP	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	504,479/2006	2/27/04	4685759	2/18/11
	18031	JP	CABLE TERMINATING APPARATUS AND METHOD	2004-159521	5/28/04	4624724	11/12/10
	MP1532	JP	Coaxial Cable Tap And Method Of Connecting To An Operational Coaxial Cable Without Interrupting Transmitted Signals	2257219			
	MP1418	JP	Ring Laser Pumped Optical Amplifier				
	MP1430	JP	A Robust Optical Signal Transmission System				
	MP0192	JP	Heat-Recoverable Article With Self-Contained Heater	40250/84	9/26/75	1486509	3/14/89
	MP0192	JP	Heat-Recoverable Article With Self-Contained Heater	116268/75	9/26/75	1220037	7/26/84
	MP0192	JP	Heat-Recoverable Article With Self-Contained Heater	32690/83	9/26/75		
	MP0192	JP	Heat-Recoverable Article With Self-Contained Heater	032691/83	9/26/75	1501849	6/28/89
	MP0192	JP	Heat-Recoverable Article With Self-Contained Heater	122687/89	9/26/75		
	MP0192	JP	Heat-Recoverable Article With Self-Contained Heater	32692/83	9/26/75	1584789	10/31/90
	MP0212	JP	Self Heating Article With Deformable Electrodes	90866/78	7/25/78	1514780	8/24/89
	MP0212	JP	Self Heating Article With Deformable Electrodes	93101/76	8/4/76		
	MP0219	JP	Expandable Heater With Apertured Electrodes	147602/76	12/8/76	1290342	11/29/85
	MP0735	JP	Wraparound Heat-Recoverable Sleeves	083716/81	5/29/81		
	MP0736	JP	Heat-Recoverable Closure Assembly	083717/81	5/29/81		
	MP0790COM	JP	Thermoweave	001233/84	1/6/84	1810298	12/27/93
	MP0790COM	JP	Thermoweave	247699/92	1/6/84	1941673	6/23/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0810	JP	Flame Coloring Device	030159/83	2/23/83		
	MP0859	JP	Electrical Devices Comprising PTC Elements	243133/84	11/16/84	1872687	9/26/94
	MP0867	JP	Laminar Electrical Heaters	095473/84	5/11/84		
	MP0872	JP	Heat Shrinkable Article	193820/84	9/14/84		
	MP1086	JP	Devices Comprising PTC Conductive Polymers	236970/86	10/3/86		
	MP1224	JP	Laminar Sheet Heater	500642/89	12/8/88		
	NC007	JP	Apparatus And Method For Uniformly Irradiating A Strand	519210/94	2/25/94		
	NC015	JP	Apparatus Comprising Inductive And/Or Power Transfer And/Or Voltage Multiplication Components	532560/96	4/11/96		
	SG001	JP	Heat Shrinkable Wrap Around Closure - Having Non-Shrinkable Adhesive Bondable Edges	3069976	3/19/76	1162705	8/10/83
	SG002	JP	Heat Shrinkable Wrap Around Closure	5422093	2/28/79	1148100	5/26/83
	04-007	JP	Housing	537,173/2006	10/27/04		
	00-004	JP	Duplex connector for fiber clips	576,512/2001	3/21/01		
	00-007	JP	Electrical connector with spaced contact portions	581,385/2001	4/25/01		
	00-008	JP	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	2002-511430	5/30/01	4605986	10/15/10
	00-009	JP	Connection module with overvoltage device	511,436/2002	5/30/01	5004399	6/1/12
	00-012	JP	Assembly and method for use in terminating an optical fiber or fibers	510,990/2002	6/11/01		
	00-015	JP	Electrical Connector	520,361/2002	7/26/01	4890725	12/22/11
	01-004	JP	Universal adapter	524,068/2003	7/27/02		
	03-005	JP	Conductor connection module for printed circuit boards	521,409/2006	6/24/04		
	03-006	JP	Distribution board connection module	PCT/EP2004/009002	8/12/04		
	05-005	JP	Plug connection	504,631/2008	3/1/06	4790011	7/29/11
	07-039	JP	TELECOMMUNICATIONS PATCH PANEL	228716/2008	9/5/08		
	17969	JP	PLUG AND BLOCK CONNECTOR SYSTEM FOR DIFFERENTIAL CONTACT PAIRS	565479/2004	12/12/03	4390276	10/16/09

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	18019	JP	ELECTRICAL COUPLER WITH SPLITTING RECEPTACLE JACK INTERFACES	2004-71975	3/15/04		
	18044	JP	NETWORK CONNECTION SENSING ASSEMBLY	533647/2006	6/8/04		
	18138	JP	SEALED ELECTRICAL CONNECTOR HAVING INTERNAL LATCHING MECHANSIM THEREFORE	2007-506207	3/15/05		
	18150	JP	PATCH PANEL SYSTEM	2007-508459	4/12/05		
	18180	JP	NON-ORTHOGONAL CABLE MANAGEMENT SYSTEM	2007-508460	4/12/05		
	80-012	JP	A tool for electrically connecting insulated wires	56374/81	4/16/81	1275872	7/31/85
	80-128	JP	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	37750/81	3/16/81	1672185	4/2/91
	80-129	JP	A twin contact terminal element	85908/83	6/7/83	1863269	8/28/91
	80-130	JP	Universal connector for a solderless, screwless and stripless system for testing, connecting and isolating conductor tracks	87978/81	6/8/81	1574902	8/20/90
	80-131	JP	A connector device for testing a cable wire relative to all other cable wires within a contact element	85516/81	6/3/81	1527274	8/31/89
	80-132	JP	A self supporting terminal element	85909/83	4/16/81	1767797	4/25/89
	81-135	JP	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	162077/82	9/17/82	1247885	1/16/85
	82-030	JP	Modular plug connector	218239/82	12/13/82	2839	3/19/92
	82-035	JP	Terminal element for cable wires and drop wire cables	39972/83	3/10/83		
	83-140	JP	A cable distribution head	10383/84	1/25/84	1347774	11/13/86
	83-142	JP	A heat protection device for over-voltage arrester magazines	133461/84	6/29/84	1645312	1/30/92
	84-016	JP	Multipolar plug	284,465/85	12/19/85	1,724,288	12/24/92
	84-147	JP	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	157759/84	7/30/84	1423411	2/15/88
	85-003	JP		140,409/86	6/18/86		
	86-019	JP	Connector bank for cable wires, in particular for telephone cables	97,639/87	4/22/87	2,567,857	10/3/96
	86-064	JP	A casing, particulary a junction-box casing for telecommunications engineering	176,079/87	7/16/87	2,007,291	1/11/96

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	86-066	JP	Cutting/clamping terminal element for electrical conductors	278,410/87	11/5/87	2,107,668	11/6/96
	86-069	JP	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	284,383/87	11/12/87	1,614,329	8/15/91
	87-003	JP		65,932/88	3/22/88		
	87-008	JP	Connector block with normally open or switching contacts	2,395/96	5/6/88		
	87-075	JP	Connector bank for telecommunication devices	179,310/88	7/20/88	2,069,556	7/6/95
	87-077	JP	Device for holding connector banks in telecommunication systems	204,846/88	8/19/88	1,910,792	3/9/95
	87-166	JP	Terminal unit for cable pairs in Telecommunication systems	135,765/88	6/3/88		
	88-006	JP		94,699/88	4/15/88		
	88-086	JP	Tool for connecting cable wires	10,072/89	1/20/89	1,677,952	7/13/92
	88-088	JP	Protective plug for connector or disconnector banks	98,983/89	4/20/89	2,032,804	3/19/96
	88-092	JP		221,493/88	9/6/88		
	88-094	JP		1-508322	7/26/89		
	88-095	JP	Contact member of electrical conductors	240,295/89	9/18/89	1793108	10/14/93
	88-159	JP	Connecting element for optical waveguides	212,629/88	8/29/88	2,659,223	6/6/97
	89-006	JP	Connector banks with voltage surge protection	85,068/90	4/2/90	1,926,965	4/25/95
	89-010	JP	Wire connector for cable wires, in particular of telecommunication cables	301,239/90	11/8/90		
	89-102	JP	Shield connecting element for a connector bank	124/90	1/5/90		
	90-006	JP	Connecting block for the telecommunication and data technology	33,439/91	2/4/91		
	90-011	JP	Terminal block for telecommunications systems	99,853/91	4/5/91		
	90-012	JP	Cutting Clamping Contact	153,815/91	5/30/91	2,650,148	5/16/97
	90-015	JP	Protective circuit and protective device plug for telecommunication installations	210,439/91	5/29/91		
	91-005	JP			6/2/92		
	91-010	JP		195,379/92	7/22/92		
	91-014	JP	Cutting and clamping sleeve contact	242,139/92	9/10/92	2,543,294	7/25/96
	91-022	JP	Switching assembly for glass fibre cables of the telecommunication and data technology	252,880/92	8/5/92		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-004	JP	Case, in particular cable branching case	31,834/93	2/22/93		
	92-010	JP			3/29/93		
	92-013	JP	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	188,166/93	7/29/93		
	92-015	JP	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	220,013/93	9/3/93		
	92-019	JP	Method for elctronically labelling articel	285,132/93	11/15/93		
	92-022	JP	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	304,068/93	12/3/93		
	92-024	JP	Signal-connector with capacitive adjustment for improved crosstalk parameters	282,301/93	11/11/93		
	92-026	JP	Method and arrangement for establishing networks of electro-optical display-field modules	315,263/93	12/15/93		
	93-006	JP		5,831,94	1/24/94		
	93-009	JP	Distribution device, in particular for the main distribution device of telephone and data lines	328,673/93	12/24/93		
	93-023	JP	Connection block for high speed transmission in the telecommunication and data system	141,826/94	6/23/94		
	93-030	JP	Terminal block	230,010/94	9/26/94	2,843,263	10/23/98
	93-032	JP	Electrical Plug Connector	239,056/94	10/3/93		
	93-034	JP	Termination unit for telecommunication and data lines	304,901/94	12/8/94		
	93-036	JP	Coupling device between a glass fibre and a dielectric waveguide	307,582/94	12/12/94		
	93-040	JP	Process for reducing the tearability of a thermally shrinkable web	84372			
	94-003	JP	Digital electronic Loop Crossconnect & Carrier System	313,368/94	12/16/94		
	94-007	JP	Insulation displacement contact element	7,046/95	1/20/95		
	94-012	JP	Obliquely disposed insulation displacement contact	28,248/95	2/16/95	2,851,809	11/13/98
	94-015	JP	Housing for optical components	102,637/95	4/26/95		
	94-018	JP	Automatic distribution device for telecommunication and data lines	142,996/95	6/9/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-021	JP	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	107,516/1995	5/1/95	3,415,962	4/4/03
	94-025	JP	Printed Circuit Board for Connectors	165,573/795	6/30/95	2,705,917	10/9/97
	94-031	JP	Protection plug	247,802/95	9/26/95		
	94-032	JP	Terminal element	170,874/95	7/6/95		
	94-035	JP	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	285,700/95	11/2/95		
	95-006	JP	Electrical Connectors	93,919/96	4/16/96	2,997,644	10/29/99
	95-009	JP	Switching field	215,622/96	8/15/96		
	95-012	JP	Distribution device for telecommunications and data technique	247,606/96	9/19/96		
	95-013	JP	Termination device for the telecommunication and data technique	256,295/96	9/27/96		
	95-016	JP	Terminal block for high transmission rates	256,293/96	9/27/96		
	95-019	JP	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	256,294/96	10/27/96		
	95-020	JP	Automatic re-arrangement and distribution device for telecommunication and data lines	258,946/96	9/30/96		
	96-001	JP	Electronic access control and security system	45,537/97	2/28/97		
	96-002	JP	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	56,228/97	3/11/97		
	96-005	JP	Management-capable splice cassette	59,187/97	3/13/97		
	96-006	JP	Earthing module	86,266/97	4/4/97		
	96-007	JP	Termination tool	101,746/97	4/18/97		
	96-011	JP	High density high performance connector	132,274/97	5/22/97		
	96-013	JP	Connecting terminal	218,628/97	8/13/97		
	96-018	JP	Clamping device	321,280/97	11/21/97		
	96-019	JP	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	334,032/97	12/4/97		
	96-020	JP	Terminal, isolating or connecting strip	338,627/97	12/9/97	4567818	8/13/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-021	JP	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	352,878/97	12/22/97		
	97-002	JP	Outdoor housing	53,619/98	3/5/98		
	97-008	JP	Arrangement of contact pairs for compensation of near-end crosstalk	53,618/98	3/5/98		
	97-012	JP	Distribution block for telecommunication and data technology	57,949/98	3/10/98		
	97-013	JP	Stationary housing with wall elements made of plastic	56,726/98	3/12/97		
	97-016	JP	Overvoltage protection module	126,035/98	5/8/98		
	97-018	JP	Overvoltage protection plug with fail-safe device	147,541/98	5/28/98		
	97-028	JP	Apparatus for connecting cable cores	319,223/98	11/10/98		
	97-031	JP	Electrical power outlet with IDC connections	343,051/98	12/2/98		
	97-032	JP	Patch Panel with retractable patch cord	364,624/98	12/22/98		
	98-002	JP	Support body for an electrical contact arrangement	529,767/2000	1/21/99		
	98-013	JP	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	550,187/2000	5/12/99		
	98-022	JP	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-023	JP	Electrical Connector	208,511/1999	7/23/99		
	98-024	JP	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-025	JP	Shielding device for connection strips in telecommunications and data engineering	584,564/2000	10/14/99	4234329	12/19/08
	99-002	JP	Surge arrester mounting unit for telecommunications and data systems equipment	318,130/1999	11/9/99		
	99-007	JP	Connector element with closure device	PCT/EP00/02122	3/10/00		
	99-017	JP	Connecting cable with an electrical plug connection	543,817/2001	11/16/00	4544804	7/9/10
	E-TO-00008	JP	Electrical Connector with Enhanced Jack Interface	2008-510186	5/1/06		
	E-TO-00029	JP	Modular Plug with Slider Latch	2008-534604	10/2/06	4697985	3/11/11
	E-TO-00036	JP	Enhanced Jack with Plug Engaging Printed Circuit Board	2006-194099	7/14/06		
	E-TO-00091	JP	Connector Receptacle Assembly	2009-500437	3/13/07		
	E-TO-00241	JP	Terminal Block and Board Assembly for an Electrical Connector	2012-524693	8/10/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	JACK012	JP	SHAKING AND SEALING IMPROVEMENT FOR FLUTE COVER	1-66307	6/8/89	2512703	7/9/96
	MP0122	JP	Wraparound Closure Sleeve	1989/81	1/9/81	1220772	7/26/84
	MP0122	JP	Wraparound Closure Sleeve	58720/71	8/5/71	1169031	6/13/83
	MP0220	JP	Pressurized Splice Case	147603/76	12/8/76		
	MP0252	JP	Method Of Encapsulation	59463/78	5/18/78		
	MP0268	JP	Heat Recoverable Articles And Their Uses	48499/79	4/19/79		
	MP0279COM	JP	Fiber Optic Waveguide Termination & Method Of Forming Same	155481/79	11/29/79		
	MP0718COM	JP	Corrugated Ht Rec. Tape & Flexible Collar Tee	091449/81	6/12/81		
	MP0766	JP	Fiber Optic Splicing	072540/82	4/27/82		
	MP0766	JP	Fiber Optic Splicing	224235/93	4/27/82		
	MP0781COM	JP	Flat Sheet Closure & Method	157942/82	9/9/82		
	MP0798	JP	Fiber Optic Organizer - Heliwrap				
	MP0798COM	JP	Fiber Optic Organizer	5153/83	1/14/83		
	MP0798COM	JP	Fiber Optic Organizer	26879/83	2/18/83		
	MP0799COM	JP	Paddlecard Terminator	216245/82	12/8/82		
	MP0820	JP	Method Of Transmitting UV Light By Optical Fiber	82457/83	5/10/83		
	MP0838COM	JP	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	190591/83	10/12/83	1934665	5/26/95
	MP0839COM	JP	Optical Fiber Tap	503605/83	10/24/83	1912623	3/9/95
	MP0849	JP	Optical Fiber Adhesive Joint Tube - Release Agent	024194/84	2/9/84		
	MP0850	JP	Optical Fiber Adhesive Joint Tube - Hourglass Shape	024195/84	2/9/84		
	MP0855	JP	A Mechanical Coupling Assembly And Method Of Using Same	501625/84	3/29/84	1806260	11/26/93
	MP0871A	JP	Protective Article	068261/86	3/25/86		
	MP0874	JP	Tube Storage And Delivery Device	210326/84	10/5/84		
	MP0889	JP	Method And Apparatus For Determining Attenuation Across Optical Fiber Splice	225614/84	10/25/84		
	MP0899	JP	Light Launch Detection & Splicing Devices For Loose Tube Buffered Optical Fiber	015251/85	1/28/85		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0900	JP	Wraparound Article	263727/84	12/12/84	2050878	5/10/96
	MP0900	JP	Wraparound Article	290128/94	12/12/84	2581905	11/21/96
	MP0995	JP	Optical Fiber Termination				
	MP0995COM	JP	Optical Fiber Termination	253620/85	11/11/85		
	MP0997	JP	Center Conductor Closure	273160/86	12/3/85		
	MP1018	JP	Splice Case	500592/86	12/31/85		
	MP1019	JP	Liner For Making Pressurized Splice Closure	024892/86	2/5/86		
	MP1027	JP	Closure Including Gel-Filled End Seals	025656/86	2/6/86		
	MP1045	JP	Drop Wire Branch Article	054571/86	3/11/86		
	MP1050	JP	Packaged Gel Article	503048/86	5/2/86		
	MP1064	JP	Optical Fiber Distribution Network	163520/86	7/10/86		
	MP1077	JP	Determining Splice Attenuation	155908/86	7/6/86		
	MP1078	JP	Corrosion Protection Apparatus	196483/86	8/20/86		
	MP1085	JP	Compression Pressure Indicator	229464/86	9/27/86		
	MP1092	JP	Optical Fiber Contact And Connector	277801/86	11/20/86		
	MP1093	JP	Optical Fiber Connector	277800/86	11/20/86		
	MP1097	JP	Apparatus For Relieving A Load Across A Cable Repair Region	259601/86	10/30/86		
	MP1111	JP	Insulation Displacement Connector For High Axial Strength	113393/87	5/8/87		
	MP1112	JP	Universal End Plate-Gel Seal	027057/87	2/6/87		
	MP1125	JP	Optical Fiber Termination Using An Elastic Convex Dam	110439/87	5/6/87		
	MP1129	JP	Splice Closure System	503517/87	5/29/87		
	MP1140COM	JP	Strained Distributed Optical Fiber Communication System	209112/87	8/21/87		
	MP1155	JP	Coaxial Connector Moisture Seal	269137/87	10/23/87	2651159	5/16/97
	MP1177	JP	Optical Fiber Tap Utilizing Reflector	031698/88	2/13/88		
	MP1184	JP	Alignment And Location Sleeve For Fiber Optic Contacts	504542/88	3/21/88		
	MP1206COM	JP	Terminal Block	169977/88	7/7/88		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1210	JP	Annealing Bent Optical Fiber	191982/88	7/28/88		
	MP1223	JP	Rotary Closure And Grommet	501106/89	12/8/88		
	MP1238	JP	Telephone Junction Box And Switch Therefor	502673/89	2/8/89		
	MP1239COM	JP	Telecommunication Terminal Block Or Adapter	503161/89	3/4/89		
	MP1240	JP	Telecommunications Terminal Block	502420/89	2/17/89		
	MP1243	JP	Cable Sealing Apparatus	1-504378	4/4/89	2867370	12/25/98
	MP1254	JP	Optical Fiber Jaw Connector	1-505217	4/4/89		
	MP1258	JP	Splice Case	1-505271	4/26/89	2749412	2/20/98
	MP1260	JP	Optical Fiber Termination Coating Dispenser	507972/89	5/19/89		
	MP1273	JP	Method Of Cable Sealing	1-509866	9/8/89		
	MP1275	JP	Rotary Connection Strain Relief On Terminal Block	1-510555	9/19/89		
	MP1276	JP	Environmental Control Liner For Splice Enclosure	511753/89	10/6/89		
	MP1277	JP	Telecommunications Pedestal Closure With Environmental Control Liner	510731/89	10/6/89		
	MP1286	JP	Coaxial Cable Connector	508508/90	5/15/90		
	MP1293	JP	E-Z-On Connectors	509866/90	6/8/90		
	MP1317	JP	Telecommunications Terminal Housing & Method Of Encl A Telecomm Terminal Within A Minimum Clearance Opening Container	512511	8/17/90		
	MP1326	JP	Circuit For The Transmission Of Optical Signals				
	MP1340	JP	Optical Bypass Switch	504338/91	12/20/90		
	MP1345COM	JP	Binding Post For Wide Tolerance Caps	514178/90	9/21/90		
	MP1347	JP	Couplers For Terminating Optical Fiber Ends	509813/91	4/9/91		
	MP1348	JP	Modular Telecommunications Terminal Block	507362/91	3/26/91		
	MP1391	JP	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	517946/91	10/3/91		
	MP1403	JP	Ez Twist Consumer Type Connectors	507895/92	3/20/92		
	MP1404	JP	Hermaphroditic Gel Closure	507888/92	3/13/92		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1405	JP	Multi-Gauge Waffle Rotary Connection	506001/93	5/15/92		
	MP1410	JP	Ruggedized Bypass Switch	511148/92	4/27/92		
	MP1412	JP	Hinged Gel-Filled Security And Environmental Protection Device	500685/93	6/8/92		
	MP1431	JP	Hybrid Fiber In The Loop Telephony System	5-515707	2/22/93		
	MP1432	JP	Low Temperature Expandable Gaskets	505588/94	8/6/93		
	MP1452	JP	Coaxial Cable Connection Protection System	502742/94	7/9/93		
	MP1461	JP	Coaxial Cable Connection Method And Device Using Oxide Inhibiting Sealant	513313/94	11/22/93		
	MP1468	JP	Optical Fiber Water Sensor	518229/94	2/3/94		
	MP1476	JP	Oval Port Seal	505312/95	7/21/94		
	MP1493	JP	Aerial, Pedestal, Below Grade, Or Buried Optical Fiber Closure	520134/95	1/23/95		
	MP1511	JP	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	501161/96	5/30/95		
	MP1514	JP	Environmental Protection Device With Manually Operated Latch Mechanism		5/17/95		
	MP1540	JP	Coaxial Cable Connector				
	MP1541	JP	Locking Coaxial Cable Connector And Adaptor	520595/96	12/21/95		
	NC003	JP	Cable Seal	510665/92	5/1/92		
	NC004	JP	Telecommunications Terminal Block	507101/93	10/5/92	3321164	6/21/02
	NC005	JP	Fiber Optic Splice Organizer And Associated Method	502653/94	6/29/93		
	NC006	JP	Gas Tube Vent-Safe Device	502652/94	6/29/93		
	NC008	JP	Surge Arrestor Fail Safe Thermal Overload Mechanism	502670/94	6/29/93		
	NC010	JP	Enclosure Assembly For Telecommunication Cables	501802/94	6/15/93		
	NC011	JP	Telecommunications Network Interface Assembly	6-502688	5/11/93		
	NC012	JP	Fiber Optic Splice Closure	513287/94	11/20/93		
	NC016	JP	Fiber Optic Splice Closure And Associated Methods	523512/94	4/18/94		
	NC017	JP	Fiber Optic Cable System Including Main And Drop Cables And Associated Fabrication Method	523497/94	4/15/94		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC019	JP	Telecommunications Terminal		2/7/95		
02316.2748WOU1	NT-00373	JP	Keying for MPO Systems	2014-560036	2/28/13		
02316.3053JPWO	NC072	JP	Splitter Cabinet for Optical Fiber Network and Methods of Using Same	2006-507220	3/16/04		
02316.3071JPD1		JP	MANAGED FIBER CONNECTIVITY SYSTEMS	2015137930	7/9/15		
02316.3392JPWO	TO-00402	JP	Portable Device for Attaching a Connector to an Optical Fiber	2013-554479	2/7/12		
02316.3413JPWO	TO-00509	JP	Optical Fiber Connection System Including Optical Fiber Alignment Device	2014-556037	2/6/13		
02316.3597JPWO		JP	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
02316.3625JPWO		JP	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.3627JPWO		JP	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.3835JPWO	E-TO-00125	JP	Interface Module	2009-532376	10/9/07	4915825	2/3/12
02316.3844JPWO	TO-00302	JP	Methods and Apparatus for Terminating Electrical Connectors to Cables	2012-545925	12/14/10		
02316.3845JPWO	18204	JP	Method and Apparatus for Providing Out of Band Communications Over Structured Cabling	2007-544493	11/29/05		
02316.3882JPWO	E-TO-00009	JP	Electrical Connector with Crosstalk Compensation	2007-548347	12/16/05	4674825	2/4/11
02316.3883JPO	E-TO-00028	JP	Duplex Plug Adapter Module	2008-509159	4/27/06	4822560	9/16/11
02316.3884JPWO	E-TO-00049	JP	Electrical Connector Adaptor with Strain Relief	2008-534580	10/2/06	4729624	4/22/11
02316.3887JPWO	E-TO-00088	JP	Receptacle with Crosstalk Optimizing Contact Array	2008-558428	3/9/07	4776041	7/8/11
02316.3888JPWO	E-TO-00089	JP	Electrical Connector Having Staggered Contacts	2009-511030	5/15/07	4906139	1/20/12
02316.3889JPWO	E-TO-00090	JP	Electrical Connector Having Contact Plates	2009-507813	4/26/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3894JPWO	E-TO-00162	JP	Module Assembly Having Interface Module and Insertable Modular Jack	2010-519230	7/30/10	5447986	1/10/14
02316.3904JPWO	18147	JP	INTERFACE ADAPTER MODULE	2007-510894	4/26/05	4785837	7/22/11
02316.3905JPWO	18066	JP	OPTICAL FIBER CLAMPING ASSEMBLY	518786/2006	6/30/04	4535340	6/25/10
02316.3909JPWO	TO-00311	JP	A Panel Assembly For A Connectivity Management System	2012-521616	7/20/10	5682972	1/23/15
02316.3913JP01	E-TO-00220	JP	Casette for a Cable Interconnect System	2010-028634	2/12/10		
02316.3914JP01	E-TO-00221	JP	Cassette Having Interchangable Rear Mating Connectors	2010-028635	2/12/10	5401358	11/1/13
02316.3915JPWO	E-TO-00205	JP	Electrical Connector With a Compliant Cable Strain Relief Element	2011-514613	6/18/09	5388242	10/18/13
02316.3917JP01	E-TO-00222	JP	Shielded Cassette for a Cable Interconnect System	2010-040401	2/25/10		
02316.3917JPI1	E-TO-00222	JP	Shielded Cassette for a Cable Interconnect System	2010-096121	4/19/10		
02316.3928JPU1	18207	JP	Optical Connector with Small-Form Factors Job-Site Mountable on Site	2005-192514	6/30/05	4900893	1/13/12
02316.3998JPWO	MP1492	JP	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	526458/95	4/6/95	3626499	12/10/04
02316.3999JPW1	MP1374B	JP	Gel Filled Electrical Connector	5-510335	12/3/92	3604383	10/8/04
02316.3999JPW2	MP1374C	JP	Gel Filled Modular Electrical Connecting Block	6-517081	1/12/94		
02316.3999JPWO	MP1374A	JP	Alarm And Test System For A Digital Added Mail Line	3-513414	8/1/91		
100.0047/01		JP	CELLULAR RADIO SYSTEM WITH CENTRALIZED LOCATED BASE STATIONS AND DISTRIBUTED ANTENNA UNITS	6-525837	5/25/94	3553942	5/14/04
12494-84	ITRACS001	JP	A System for Monitoring Connection Pattern of Data Ports	2000-609898	4/5/00	4738601	5/13/11
2316.1006/01		JP	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	2000-594263	1/3/00		
2316.1007/I1		JP	TELECOMMUNICATIONS JACK ASSEMBLY	2000-594177	1/4/00		
2316.1834/I1		JP	PATCH PANEL WITH MODULES	2007-506184	3/2/05		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1910/WO		JP	Communication wire	P2005-501968	9/8/03		
2316.2295/I1		JP	SYSTEMS AND METHODS OF FIBER DISTRIBUTION AND MANAGEMENT	2006-539993	11/17/04	4728249	4/22/11
2316.2298/U1		JP	FIBER DROP TERMINAL	2007-540079	11/2/05		
2316.2299/P2		JP	LOOPBACK PLUG AND METHOD	2008-507812	4/19/06		
2316.2316/U3		JP	FIBER OPTIC CABLE BREAKOUT CONFIGURATION WITH "Y" BLOCK	2008-558375	3/6/07		
2316.2336/01		JP	FIBER DISTRIBUTION HUB WITH SWING FRAME AND MODULAR TERMINATION PANELS	2008-554313	2/7/07		
2316.2336/P1		JP	FIBER DISTRIBUTION HUB WITH OUTSIDE ACCESSIBLE GROUNDING TERMINALS	2008-554320	2/7/07		
2316.2467/01		JP	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	2009-539447	11/28/07		
2316.2467/I1		JP	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	2009-539448	11/28/07		
577-396	VPC-017	JP	Printed Circuit for Modular Plug	358715/1999	12/17/99		
577-400 JP	VPC-021	JP	Modular Telephone-Style Male Plug and Combination of the Same with Data Transmission Cable	370057/1999	12/27/99		
17153		JP	MULTI CHANNEL FIBER OPTIC CONNECTOR WITH SINGLE ATTACHED LATCH	2000-545057	4/16/99	4712190	4/1/11
16999		JP	MODULAR PLUG HAVING COMPENSATING INSERT	335756/98	11/26/98	4101375	3/28/08
16194		JP	PATCH CARD ASSEMBLY	504564/97	6/27/96	4026726	10/19/07
16012		JP	DIVERGENT LOAD BAR	514547/1996	9/8/95	4070805	1/25/08
16679		JP	ELECTRICAL CONNECTOR WITH PAIRED TERMINALS	515913/98	9/25/97	3795532	4/21/06
16463		JP	NON-OHMIC ENERGY COUPLING FOR CROSSTALK REDUCTION	531017/97	2/26/97	3802070	5/12/06
16121		JP	WIRE CONNECTING SYSTEM	8-534813	4/4/96	3970321	6/15/07
16196		JP	WIRE STUFFER CAP/STRAIN RELIEF FOR COMMUNICATION NETWORK OUTLET	9-513566	9/25/96	4073483	2/1/08
15618		JP	ELECTRICAL CONNECTOR WITH SLOTTED BEAM CONTACT	7-72252	1/20/95	3463900	8/22/03
61008		JP	RF FSK TRANSMITTER	86/179828	7/30/86		
61014		JP	RF MODEM WITH IMPROVED CLOCK RECOVERY CIRCUIT	87/290451	11/17/87		
61015		JP	RF MODEM WITH IMPROVED BINARY TRANSVERSAL FILTER	87/290449	11/17/87		
50908		JP	MODULAR CONNECTOR	7-312824	11/30/95	3499348	12/5/03
13503		JP	INSULATION DISPLACING BARREL TERMINAL	6-59874	3/4/94	2043303	4/9/96

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
13503		JP	INSULATION DISPLACING BARREL TERMINAL	86/303622	12/19/86	2042237	4/9/96
13621		JP	LOCAL AREA NETWORK INTERFACE	62-503774	6/11/87	2627908	4/18/97
14000		JP	LAN COMMUNICATION SYSTEM AND MEDIUM ADAPTER FOR USE THEREWITH-Communication	63-503207	3/21/88	2909084	4/2/99
14035		JP	MODULAR PLUG COUPLER	63-305868	12/2/88	2654499	5/30/97
14305		JP	CYLINDRICAL INSULATION DISPLACING CONNECTOR	2-198113	7/27/90	2875862	1/14/99
14494		JP	ACCESS FLOORING MODULE	2-198112	7/27/90	2918649	4/23/99
14527		JP	POWER DISTRIBUTION SYSTEM FOR MODULAR FURNITURE UNITS	2-213790	8/14/90	2852970	11/20/98
14655		JP	LOCAL AREA NETWORK INTERFACE	3-37964	2/6/91		
14764		JP	INSULATION DISPLACING BARREL TERMINAL	5-507164	6/7/93		
15030		JP	PROTECTOR MOUDULE FOR TELEPHONE LINE JUNCTION BOX AND METHOD	5-098320	4/2/93		
15185		JP	TRUNK CABLE FAULT DETECTION AND RECONFIGURATION ARRANGEMENT	4-259066	9/3/92		
15239		JP	TELEPHONE JUNCTION ENCLOSURE AND SYSTEM FOR SEALING A WIRE OPENING ARRAY	5-54970	2/19/93		
15263		JP	CABLE STRAIN RELIEF FOR A SHIELDED ELECTRICAL CONNECTOR	5-135462	5/13/93		
15284		JP	SINGLE MODE FIBER OPTIC VARIABLE ATTENUATOR	5-072156	3/30/93	3429332	5/16/03
15396		JP	IMPROVED SHIELDED ELECTRICAL CONNECTOR	5-247465	9/8/93	3489857	11/7/03
15476		JP	OVERMOLDED ALIGNMENT FERRULE	6-133675	5/24/94	2802722	7/17/98
15496		JP	MODULE FOR TELEPHONE LINE CONDUCTOR PAIR HAVING SINGLE PROTECTOR UNIT	6-113547	4/28/94		
15526		JP	COMMUNICATIONS CONNECTOR TERMINAL ARRAYS HAVING NOISE CANCELLING CAPABILITIES	6-180903	7/8/94	3400123	2/21/03
15544		JP	OVERMOLD STRAIN RELIEF AND SNAG PREVENTION FEATURE	8-510862	7/14/95		
15626		JP	SPLICE TRAY RACK AND CABINET FOR FIBER OPTIC CABLES	6-102048	4/15/94		
15672		JP	AUTOMATIC TOOL FOR MICRO-CONNECTOR	6-179537	7/7/94		
15696		JP	INTERCONNECT ASSEMBLY FOR OPTICAL FIBER PLUGS	6-257534	9/27/94	3505237	12/19/03
15700		JP	NETWORK INTERFACE DEVICE MODULE PROVIDING SEALED CUSTOMER ACCESSIBLE TEST PORT	7-524024	2/13/95		
15736		JP	ENCLOSURE WITH SEALANT FOR SPLICED COAXIAL CABLE	6-306108	12/9/94	2922125	4/30/99
15780		JP	CAPTIVATED FIBER OPTIC CONNECTOR	7-058023	1/22/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
15872		JP	AN ELECTRICAL CONNECTOR AND AN ASSOCIATED METHOD FOR COMPENSATING FOR CROSSTALK BETWEEN A PLURALITY OF CONDUCTORS	8-534812	4/4/96		
15926		JP	OVERMOLDED FIBER OPTIC CONNECTOR FERRULE CAPILLARY HAVING OCTAGONAL COLLAR	529407/96	2/29/96		
16184		JP	STRAIN RELIEVING HOLDER FOR OPTICAL FIBER CABLE	8-536518	5/15/96		
16410		JP	WIRE CARRIER FOR ELECTRICAL CONNECTOR MODULE	522882/97	12/12/96		
16446		JP	PATCH PANEL HAVING SNAP TOGETHER CONSTRUCTION	542676/97	5/21/97		
16469		JP	OPTICAL FIBER CONNECTOR	516867/98	10/2/97		
17098		JP	AN ELECTRICAL CONNECTOR HAVING AN IMPROVED LATCH MEMBER	39945/99	2/18/99		
17123		JP	MULTIPLE FIBER SPLICE ELEMENT AND CONNECTOR	10-322689	11/12/98		
40057		JP	SHIELDED DATA CONNECTOR	5-35070	2/24/93		
40108		JP	DATA COMMUNICATION OUTLET KIT	112154/94	4/27/94	3446972	7/4/03
40113		JP	SUBSCRIBER INTERFACE BOX	6-176803	7/28/94		
40174		JP	PATCH PANEL IDC CONNECTOR	7-59868	2/23/95		
40256		JP	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	7-344406	12/5/95		
40363		JP	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	8-534672	5/14/96		
40377		JP	WIRE CUTTING ELECTRICAL CONNECTOR HAVING TEST PROBE ACCESS	8-536332	5/22/96		
40415		JP	LOW PROFILE COMMUNICATIONS OUTLET	8-287486	10/9/96		
40427		JP	SEALED SPLICING CONNECTOR				
40595		JP	FLEX FILM CONDUCTOR CONNECTOR ASSEMBLY WITH LOW PROFILE	9-362716	12/12/97		
4779		JP	SOLDERLESS CONNECTOR FOR INSULATED WIRES	78/057501	6/14/73	1004731	6/30/80
50834		JP	ELECTRICAL CONNECTOR	7-8277	3/27/95	997313-1	8/8/97
51082		JP	OPTICAL FIBER RECEIVING CASE, CASE RECEIVING BODY AND RECEIV ING CASE ASSEMBLY	63821/97	3/3/97		
51082		JP	OPTICAL FIBER RECEIVING CASE, CASE RECEIVING BODY AND RECEIV ING CASE ASSEMBLY	9-293580	10/9/97		
61007		JP	COMMON MEDIUM TIME DIVISION MULTIPLEX RING USING LOCAL LOGIC	86/291712	12/9/86		
61019		JP	METHOD AND APPARATUS FOR TESTING FIBER OPTIC HUBS	63-277194	11/1/88	2678237	8/1/97
68016		JP	FIBER OPTIC ATTENUATOR	5-516598	3/8/93		
8413		JP	ELECTRICAL TERMINALS FOR FLAT TWO-CONDUCTOR LEAD IN WIRE	74/114630	10/4/74		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR137		JP	Connection To Terminal Plate. Similarity To D. Terminator	507005/91	4/12/91	3101319	8/18/00
WR140		JP	Mechanical Radi Seal	515257/91	9/12/91	3126731	11/2/00
WR143		JP		506044/92	3/16/92		
WR147		JP	Modified Ezam Cable Duct Seal For Vault Closure	513010/93	1/20/93		
WR148		JP	Hand Operated Multiple Wire Connector With Guide Slots				
WR155		JP	Silicone Rubber Seal For Box	506005/94	8/11/93		
WR156		JP	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	507910/94	9/14/93		
WR159		JP	Uteic With Ports For In-Line Or Butt Connection	520743/94	2/23/94		
WR160		JP	Catv Splitter With Variable Attenuation	516420/94	1/6/94		
WR163		JP	Uteic With Dust Flap	503925/95	7/8/94		
WR164		JP	Uteic Cable Gripper With Self-Centring	515808/94	1/6/94		
WR165		JP	Catv Box For In-Line/Butt Connection	507425/95	8/23/94		
WR166		JP	Shaped Silicone Rubber Seal For Uteic Closure	507426/95	8/23/94		
WR167		JP		510664/95	9/26/94		
WR168		JP					
WR171		JP	Catv Tap With Switch	511511/96	9/26/95		
WR172		JP	Catv Tap With Power Tap-Off	511512/96	9/26/95		
	90-012	KE	Cutting Clamping Contact	KE/P/92/00048	4/24/92	KE5	1/26/96
	90-015	KE	Protective circuit and protective device plug for telecommunication installations	KE/P/92/00049	4/24/92	KE6	1/26/96
	91-014	KE	Cutting and clamping sleeve contact	KE/P/92/00061	9/4/92		
	92-013	KE	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	KE/P/93/00097	7/7/93	KE065	7/20/99
	95-012	KE	Distribution device for telecommunications and data technique	KE/P/96/00187	9/27/96	K82	8/18/99
	96-020	KE	Terminal, isolating or connecting strip	AP/P/98/01188	12/8/97	AP1030	12/31/01
	98-024	KE	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
2316.1519		KG	JACK; JACK ASSEMBLY; AND METHODS	200400084	7/9/02	007249	8/25/06
	00-015	KG	Electrical Connector	095	7/26/01	49799	10/29/07
	03-002	KG	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	093	2/27/04		
	04-012	KG	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	96-020	KG	Terminal, isolating or connecting strip	098	12/9/97	103	1/15/03
	97-003	KG	Protection Plug	096	2/27/98	102	9/5/02

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-013	KG	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	097	5/12/99	49373	5/23/05
	98-024	KG	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	99-017	KG	Connecting cable with an electrical plug connection	090	11/16/00	49811	8/7/08
2316.1910/WO		KG	Communication wire	200500485	9/8/03	007750	12/19/06
	98-024	KP	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	99-017	KP	Connecting cable with an electrical plug connection	PCT/EP00/11348	11/16/00		
100.0043		KR	CIRCUIT AND METHOD FOR SERVICE CLOCK RECOVERY	10-2000-70081	1/19/00		
100.0045		KR	PHASE LOCK LOOP FOR SYNCHRONOUS REFERENCE CLOCKS	10-2000-70050	5/10/00		
100.0054		KR	OPTIMIZATION OF WEIGHTED SIGNAL-TO-NOISE RATIO FOR A DIGITAL VIDEO ENCODER	700599/1996	4/8/94		
100.0061		KR	MULTI-POINT TO POINT COMMUNICATION SYSTEM	705394/1997	2/6/96	254,067	1/28/00
100.0062		KR	METHOD OF COMMUNICATION CHANNEL MONITORING	705395/1997	2/6/96		
100.0106		KR	PROTECTION SWITCHING OF VIRTUAL CONNECTIONS	2000-7009207	1/22/99		
100.0384		KR	COLLISION DETECTION USING CODE RULE VIOLATIONS OF THE MANCHESTER CODE	700738/92	10/2/90	178,959	10/2/90
100.0450		KR	MEASURING AN ERROR RATE IN A COMMUNICATION LINK	2005-7010191	12/3/03		
100.0451		KR	DISTRIBUTED DIGITAL SIGNAL SUMMATION AND GAIN CONTROL	2005-7010192	12/3/03		
100.0452		KR	DISTRIBUTED DIGITAL ANTENNA SYSTEM	2005-7010190	12/3/03	10-1135935	4/5/12
100.0453		KR	SMALL SIGNAL THRESHOLD AND PROPORTIONAL GAIN DISTRIBUTED DIGITAL COMMUNICATIONS	2005-7010193	12/3/03		
100.0622		KR	MULTIPLE PORT, FIBER OPTIC CIRCULATOR	2001-7005258	10/19/99		
100.0623		KR	MULTIPLE PORT, FIBER OPTIC ISOLATOR	2001-7005257	10/19/99		
100.0624		KR	MULTIPLE PORT FIBER OPTIC COUPLING DEVICE	2001-7005259	10/19/99		
100.0626		KR	FIBER OPTIC DEVICE OPERATING AT TWO OR MORE WAVELENGTHS	7010711/2002	2/16/01		
100.0627		KR	FIBER OPTIC ISOLATOR FOR USE WITH MULTIPLE-WAVELENGTH OPTICAL SIGNALS	7010712/2002	2/16/01		
100.0701		KR	USE OF FORWARD ERROR CORRECTION IN WIDEBAND DIGITAL RF TRANSPORT SYSTEMS	2008-7020456	2/15/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0707		KR	PROVIDING WIRELESS COVERAGE INTO SUBSTANTIALLY CLOSED ENVIRONMENTS	2007-7030470	6/8/06	10-1320688	10/14/13
100.0729		KR	Centrally located equipment for wireless telephone system	2000-7009162	2/19/99		
100.0739		KR	BROADCAST DOWNLOAD TECHNIQUE	2001-7014801	5/19/00		
100.0740		KR	IMPROVED REVERSE PATH AUTOGAIN CONTROL	2001-113973	5/19/00		
100.0804		KR	ENCLOSURE FOR ELECTRONIC COMPONENTS	2007-0026707	6/21/07	30-0484384	3/14/08
100.0828		KR	MODULAR WIRELESS COMMUNICATIONS PLATFORM	10-2009-7017365	1/25/08		
100.0828		KR	MODULAR WIRELESS COMMUNICATIONS PLATFORM	10-2014-7017281	6/23/14		
100.0846		KR	METHOD AND SYSTEM FOR ENHANCING THE PERFORMANCE OF WIDEBAND DIGITAL RF TRANSPORT SYSTEMS	10-2009-7021428	3/27/08		
100.0879		KR	SYSTEMS AND METHODS FOR DOPPLER SHIFT COMPENSATION IN OFDMA COMMUNICATIONS	10-2010-7026317	4/25/09		
100.1066		KR	RANGE EXTENSION FOR TIME DIVISION DUPLEX SYSTEMS	2011-7022043	9/21/11		
100.1072		KR	CLOCK PRIORITY CHAIN LEVEL SYSTEMS AND METHODS	2011-7012100	12/1/09		
100.1075		KR	SYSTEMS AND METHODS FOR MOBILE PHONE LOCATION WITH DIGITAL DISTRIBUTED ANTENNA SYSTEMS	2011-7016254	1/11/10		
100.1077		KR	MULTIPLE UP/DOWN CONVERTERS-CHANNELIZED MULTIPLE UP/DOWN PATHS IN A DIGITAL-ANALOG RADIO TRANSCEIVER	2011-7016961	1/13/10		
100.1078		KR	METHOD AND SYSTEM FOR DIGITALLY EQUALIZING A SIGNAL IN A DISTRIBUTED ANTENNA SYSTEM	2011-7017590	7/27/11	10-1355501	1/20/14
100.1086		KR	COMPLEX OPTICAL MODULATION FOR REAL TIME COMMUNICATION	2011-7012293	12/1/09		
100.1095		KR	METHOD OF INSERTING CDMA BEACON PILOTS IN OUTPUT OF DISTRIBUTED REMOTE ANTENNA NODES	2011-7029927	5/18/10		
100.1095		KR	METHOD OF INSERTING CDMA BEACON PILOTS IN OUTPUT OF DISTRIBUTED REMOTE ANTENNA NODES	2011-7029927	5/18/10		
100.1115		KR	AGGREGATION OF PHYSICAL LAYER INFORMATION RELATED TO A NETWORK	2011-7021265	2/12/10		
100.1141		KR	DISTRIBUTED DIGITAL REFERENCE CLOCK	2012-7034310	7/27/11	10-1388605	4/17/14

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1161		KR	INTER-NETWORKING DEVICES FOR USE WITH PHYSICAL LAYER INFORMATION	2011-7021041	2/12/10		
100.1162		KR	NETWORK MANAGEMENT SYSTEMS FOR USE WITH PHYSICAL LAYER INFORMATION	2011-7021267	2/12/10		
100.1163		KR	MANAGED CONNECTIVITY DEVICES, SYSTEMS, AND METHODS	2011-7021268	2/12/10		
100.1169		KR	DISTRIBUTED ANTENNA SYSTEM WITH COMBINATION OF DIGITAL TRANSPORT TO REMOTE UNITS AND HYBRID DIGITAL AND ANALOG TRANSPORT (AKA BI-HYBRID)	10-2014-7017490	6/25/14		
100.1169		KR	DISTRIBUTED ANTENNA SYSTEM WITH COMBINATION OF DIGITAL TRANSPORT TO REMOTE UNITS AND HYBRID DIGITAL AND ANALOG TRANSPORT (AKA BI-HYBRID)	2013-7013076	10/25/11	10-1460168	11/4/14
100.1172		KR	SYSTEMS AND METHODS FOR DISTRIBUTED ANTENNA SYSTEM REVERSE PATH SUMMATION USING SIGNAL-TO-NOISE RATIO OPTIMIZATION	2012-7034307	6/14/11		
100.1174		KR	DISTRIBUTED ANTENNA SYSTEM USING TIME DIVISION DUPLEXING SCHEME	10-2014-7008548	10/24/12		
100.1178		KR	IDENTIFIER ENCODING SCHEME FOR USE WITH MULTI-PATH CONNECTORS	2013-7027951	3/22/12		
100.1186		KR	END-TO-END DELAY MANAGEMENT FOR DISTRIBUTED COMMUNICATIONS NETWORKS	2014-7000956	6/13/12		
100.1195		KR	ANTENNA MODULE HAVING INTEGRATED RADIO FREQUENCY CIRCUITRY	2013-7034420	6/8/12		
100.1196		KR	DISTRIBUTED ANTENNA SYSTEM ARCHITECTURES	2014-7000354	6/13/12		
100.1197		KR	EVOLVED DISTRIBUTED ANTENNA SYSTEM	2013-7034000	6/29/12		
100.1209		KR	SYSTEMS AND METHODS FOR A SELF-OPTIMIZING DISTRIBUTED ANTENNA SYSTEM				
100.1209		KR	SYSTEMS AND METHODS FOR A SELF-OPTIMIZING DISTRIBUTED ANTENNA SYSTEM	10-2015-7003198	7/8/13		
100.1223		KR	TIMING ADJUSTMENTS FOR SMALL CELL DISTRIBUTED ANTENNA SYSTEMS	10-2014-7024154	2/12/13		
100.1239		KR	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE	10-2014-7035579	6/25/13		
100.1245		KR	ACTIVE INTEGRATION PANEL				
100.1245		KR	ACTIVE INTEGRATION PANEL	10-2015-7003318	7/13/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1249		KR	FLEXIBLE, RECONFIGURABLE MULTIPOINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT ARCHITECTURE				
100.1250		KR	TIMESLOT MAPPING AND/OR AGGREGATION ELEMENT FOR DIGITAL RADIO FREQUENCY TRANSPORT ARCHITECTURE	10-2015-7015450	11/26/13		
100.1251		KR	FORWARD-PATH DIGITAL SUMMATION IN DIGITAL RADIO FREQUENCY TRANSPORT	10-2015-7015448	11/26/13		
100.1256		KR	MASTER REFERENCE FOR MULTIPLE BASE BAND UNITS SOURCED FROM UNIVERSAL REMOTE RADIO HEAD				
100.1257		KR	UNIVERSAL REMOTE RADIO HEAD				
500.0822		KR	VISUAL DATA INTEGRATION SYSTEM AND METHOD	2000-7011463	4/15/99		
2316.0019		KR	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSING	85-5590	8/1/85		
2316.0051		KR	MODULAR DISTRIBUTION FRAME	85-7952	10/25/85		
2316.0095		KR	JACK DEVICE	10737/86	12/13/86	77,572	4/7/94
2316.0106		KR	LOW RF EMISSION FIBER OPTIC TRANSMISSION SYSTEM	87-5324	5/28/87		
2316.0110		KR	INSERTION TOOL	87-1332	2/18/87		
2316.0113		KR	TERMINAL ASSEMBLY	87-1331	2/18/87		
2316.0117		KR	ELECTRICAL CONNECTOR	87-7235	7/7/87		
2316.0140		KR	JACK ASSEMBLY	883,578	3/31/88	101,228	6/27/96
2316.0143		KR	DELAY COMPENSATED JACK	90-850	1/25/90		
2316.0145		KR	JACK ASSEMBLY	90-18452	11/15/90		
2316.0172		KR	OPTICAL SWITCH	89-5999	5/4/89		
2316.0204		KR	DIGITAL CROSS CONNECT ASSEMBLY	90-7573	5/25/90		
2316.0212		KR	OPTICAL FIBER STORAGE CONTAINER	90-6197	5/1/90		
2316.0237		KR	FIBER OPTIC CONNECTOR MODULE	91-7509	5/9/91		
2316.0249		KR	OPTICAL SWITCH ASSEMBLY	90-18453	11/15/90		
2316.0253		KR	OPTICAL SWITCH WITH REDUCED REFLECTION	91,951	1/19/91		
2316.0266		KR	METHOD FOR CONSTRUCTING OPTICAL SWITCH	91-950	1/19/91		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0288		KR	JACK ASSEMBLY	916,830	4/27/91		
2316.0372		KR	MINIATURE COAX JACK MODULE	94703503	7/14/92	0 250 677	1/6/00
2316.0488		KR	HIGH-DENSITY FIBER DISTRIBUTION FRAME	70388996	11/16/94	316,756	11/23/01
2316.0498		KR	JACK MODULE	96702220	5/24/94		
2316.0691		KR	SWITCHING COAX JACK DEVICE	997009003	3/23/98	0507552	8/2/05
2316.0709		KR	RF CIRCUIT MODULE	997004963	12/8/97		
2316.0753		KR	DSX MODULE WITH REMOVABLE JACK	997007880	2/23/98		
2316.0777		KR	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	997009004	3/23/98	538,794	12/19/05
2316.0786		KR	FIBER CONNECTOR AND ADAPTER	99-7010764	5/14/98	575911	4/25/06
2316.0786		KR	FIBER CONNECTOR AND ADAPTER	2001-7003283	9/1/99	654019	11/28/06
2316.0891		KR	REPAIRABLE CONNECTOR AND METHOD	2000-7007793	1/5/99	0563326	3/15/06
2316.0942		KR	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	2000-7013784	5/20/99		
2316.1017		KR	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	2001-7010164	2/10/00		
2316.1229		KR	LOW PROFILE TELECOMMUNICATIONS JACK WITH LAMP SWITCH	2003-7005914	10/30/01	0798564	1/21/08
2316.1348		KR	TELECOMMUNICATIONS JACK SUBASSEMBLY	2003-7006302	10/30/01		
2316.1362		KR	DIGITAL SWITCHING CROSS-CONNECT MODULE	10-2005-7001043	7/10/03	10/1003300	12/16/10
2316.1397		KR	CARD EDGE COAXIAL CONNECTOR	2004-7015705	3/21/03	10-0992359	10/29/10
2316.1605		KR	FRONT ACCESS DSX ASSEMBLY	2004-7004231	9/16/02	10-0946825	3/3/10
2316.1637		KR	TRIAXIAL CONNECTOR ADAPTER AND METHOD	2004-7011162	1/16/03	0956197	4/27/10
2316.1722		KR	TERMINATED COAXIAL CONNECTOR	10-2005-7001091	5/7/03	10-0991974	10/29/10
2316.1737		KR	10/100 MBS NETWORK DEVICE	2006-7007564	9/21/04	1085366	11/15/11
2316.1785		KR	TELECOMMUNICATIONS CONNECTION CABINET	2005-7025468	6/18/04	1118806	2/14/12
2316.1787		KR	FIBER OPTIC CONNECTOR HOLDER AND METHOD	2005-7025348	6/23/04	1075301	10/13/11
2316.1795		KR	TRIAXIAL BULKHEAD CONNECTOR	2006-7003000	8/10/04		
2316.1799		KR	COVER FOR CABLE TROUGH	2006-7011077	10/13/04	1131024	3/21/12
2316.1808		KR	JACK WITH MODULAR MOUNTING SLEEVE	2006-7010960	10/29/04	1176389	8/17/12

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1822		KR	LONG FRAME HIGH DENSITY PATCHING SYSTEM	2007-7003668	7/20/05		
2316.1863		KR	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	2006-7027438	6/13/05	10-1121400	2/22/12
2316.1868		KR	HIGH DENSITY COAXIAL SWITCHING JACK	2007-7026481	4/7/06		
2316.1869		KR	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	2007-7008038	9/9/05		
2316.1869		KR	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	2012-7019579	7/24/12	1225891	1/17/13
2316.1888		KR	CABLE WITH OFFSET FILLER	2006-7010673	10/14/04	10-1121939	2/23/12
2316.1888		KR	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	2006-7010677	10/14/04	10-1121932	2/23/12
2316.1892		KR	Cable with twisting filler and shared sheath	7013147/2003	4/16/02		
2316.1894		KR	Tuned patch cable	7015101/2001	5/25/00	0884122	2/10/09
2316.1895		KR	Low delay skew multi-pair cable and method of manufacture	7015108/2001	5/25/00	708407	4/10/07
2316.1896		KR	Optimizing lan cable performance	7015107/2001	5/24/00	708417	4/10/07
2316.1897		KR	Cable assembly with molded stress relief and method for making the same	7015100/2001	5/25/00		
2316.1906		KR	Cable with twisting filler	7001559/2001	8/6/99		
2316.1912		KR	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	2007-7012529	11/2/05	10-1294571	8/1/13
2316.2069		KR	LOOP PLUG	2007-7019317	1/27/06		
2316.2109		KR	FIBER OPTIC CONNECTOR HOLDER	2008-7004432	7/20/06		
2316.2113		KR	CABLE TROUGH SYSTEM AND METHOD	2008-7011017	9/29/06	1280647	6/25/13
2316.2114		KR	FIBER OPTIC SPLITTER MODULE	2007-7030393	5/18/06		
2316.2115		KR	Fiber Optic Adapter Module Consisting of Plurality of Integrally Formed Adapters	2007-7030394	5/18/06	1234430	2/12/13
2316.2116		KR	FIBER OPTIC ADAPTER MODULE	2008-7003837	7/19/06		
2316.2126		KR	SYSTEMS AND METHODS FOR LIFTING A TERMINAL ENCLOSURE IN BELOW GROUND APPLICATIONS	2007-7030194	5/18/06		
2316.2140		KR	SPLICE CHIP DEVICE	2008-7006059	8/22/06		
2316.2143		KR	STACKABLE SPLICE CHIP DEVICE	2008-7006058	8/22/06		
2316.2171		KR	CRIMPED CENTER CONDUCTOR	2008-7012593	10/11/06		
2316.2300		KR	SYSTEMS AND METHODS FOR HINGED PARKING IN FIBER DISTRIBUTION HUBS	2007-7026924	4/19/06		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2306		KR	HIGH DENSITY COAXIAL JACK	2008-7028351	4/19/07	1324005	10/25/13
2316.2314		KR	FIBER OPTIC SPLITTER MODULE				
2316.2314		KR	FIBER OPTIC SPLITTER MODULE	2008-7019252	2/6/07		
2316.2367		KR	INTELLIGENT PATCHING SYSTEM AND METHOD	2008-7025737	3/16/07		
2316.2460		KR	HARDENED FIBER OPTIC CONNECTOR	2009-7015851	1/23/08		
2316.2498		KR	HARDENED FIBER OPTIC ADAPTER	20097015853	1/3/08		
2316.2832		KR	FIELD TERMINABLE FIBER OPTIC ASSEMBLY	2011-7003046	7/10/09		
2316.2949		KR	RAPID UNIVERSAL RACK MOUNT DRAWER	2012-7001587	7/21/10		
2316.3185		KR	FIBER OPTIC CABLE WITH ELECTRICAL CONDUCTORS	10-2013-7022356	2/14/12		
2316.3395		KR	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	2014-7026313	2/20/13		
2316.3399		KR	FIBER OPTIC ADAPTER BLOCK	2014-7022739	1/11/13		
2316.3528		KR	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	10-2015-7001581	7/10/13		
2316.3597		KR	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
2316.3625		KR	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
2316.3627		KR	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
	TO-00499	KR	Wireless Drop in a Fiber-to-the-Home Network				
	ITRACS001	KR	A System for Monitoring Connection Pattern of Data Ports	10-2001-7012732	4/5/00	460432	11/29/04
	00-015	KR	Electrical Connector	2003-7002319	7/26/01	591047	6/12/06
	01-004	KR	Universal adapter	2004-7002580	7/27/02	742550	7/19/07
	17968	KR	NETWORK CONNECTION SENSING ASSEMBLY	2005-7008197	11/5/03	10-1006271	12/29/10
	03-002	KR	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	2005-7016915	2/27/04	806090	2/15/08
	NC009	KR	Connector Ground Clip				
	04-007	KR	Housing	2006-7008434	10/27/04		
	03-010	KR	Distribution device for communications and data technology	2006-7009273	11/12/04	1052703	7/25/11
	MP1430	KR	A Robust Optical Signal Transmission System				

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0192	KR	Heat-Recoverable Article With Self-Contained Heater	2113/75	9/26/75	19429	12/31/80
	MP0790COM	KR	Thermoweave	17071/91	1/5/84	99802	5/22/96
	MP0867	KR	Laminar Electrical Heaters	2510/84	5/10/84		
	NC007	KR	Apparatus And Method For Uniformly Irradiating A Strand	703585/95	2/25/94		
	MP0790COM	KR	Thermoweave	10/84	1/5/84	48450	1/28/92
	00-004	KR	Duplex connector for fiber clips	2002-7013544	3/21/01		
	00-009	KR	Connection module with overvoltage device	2002-7016775	5/30/01	545681	1/17/06
	00-012	KR	Assembly and method for use in terminating an optical fiber or fibers	2002-7016835	6/11/01	851732	8/5/08
	00-017	KR	Coupling device for glass fiber connectors	2003-7004225	9/21/01	832758	5/21/08
	00-018	KR	Plastic patch panel	2003-7004298	9/24/01	825700	4/22/08
	00-019	KR	Optical Fibre Connection Housing	2003-7004347	9/24/01	816317	3/18/08
	01-005	KR	Strain relief device for a Plug Connector for Communications and Data technology	2004-7003950	8/12/02	869678	11/14/08
	01-007	KR	Terminal block	2004-7005193	9/13/02	869466	11/13/08
	02-001	KR	Access guard for distributor modules	2004-7014104	3/21/03		
	02-002	KR	Plug for connection modules and method for its manufacture	2004-7014507	2/20/03		
	02-003	KR	Coupling for optical-fiber connectors	2004-7017688	4/25/03		
	02-004	KR	Device for an optical-fiber connection	2004-7017717	4/25/03		
	02-005	KR	Distribution box connection module for telecommunications and data technology	2005-7002215	7/18/03	826483	4/24/08
	02-006	KR	Patch Cord Connector	2005-7001324	7/16/03	918224	9/14/09
	03-003	KR	Overvoltage protection magazine for a telecommunications device	2005-7019026	3/26/04	957485	5/4/10
	03-005	KR	Conductor connection module for printed circuit boards	2005-7025422	6/24/04	840161	6/16/08
	03-006	KR	Distribution board connection module	2006-7004277	8/12/04	743407	7/23/07
	03-009	KR	Wall outlet box	2006-7008326	10/8/04	838145	6/9/08
	03-009	KR	Wall outlet box	2008-7005025	2/29/08	901673	6/2/09
	03-011	KR	Connection module for telecommunication and data technique	2006-7012223	12/4/04		
	04-001	KR	Optical fiber plug-in connection	2006-7018881	2/25/05		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	04-002	KR	Plug connector for printed circuit boards	2006-7020683	3/19/05	827576	4/29/08
	04-004	KR	Connection module for telecommunications and data technology	2007-7005296	8/30/05	901100	5/29/09
	04-010	KR	Distribution board connection module	2007-7010246	10/31/05	900171	5/25/09
	04-011	KR	Distribution board connection module	2007-7010245	10/31/05		
	04-012	KR	Plug-in connector for printed circuit boards	2007-7010080	10/31/05	1105613	1/6/12
	05-005	KR	Plug connection	2007-7022500	3/1/06	1137752	4/12/12
	05-011	KR	Insulation displacement connector and equipment for telecommunications and data technology	2008-7004016 PCT/EP	7/17/06	1191683	10/10/12
	07-025	KR	Connecting strip and contact element for telecommunications and data technology	2009-7023945	5/16/08		
	09-003	KR	Overvoltage protection magazine or plug and method for the production of an overvoltage protection magazine or plug	2011-7019759	12/18/09		
	09-005	KR	Strain relief device	2011-7020279	12/16/09		
	09-008	KR	Patch panel for an optical distribution frame	2011-7021703	12/16/09		
	11-014	KR	Surface-Mountable Enclosure	2014-7002154	7/26/12		
	18044	KR	NETWORK CONNECTION SENSING ASSEMBLY	2005-7023613	6/8/04		
	81-135	KR	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	82-3846	8/26/82	28592	7/26/89
	82-030	KR	Modular plug connector	83-149	1/17/83	42610	4/27/91
	83-140	KR	A cable distribution head	83-6315	12/30/83	56569	11/18/92
	84-147	KR	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	84-4547	7/31/84	52582	9/29/92
	85-003	KR		86-4838	6/18/86		
	86-019	KR	Connector bank for cable wires, in particular for telephone cables	87-4087	4/28/87	37387	11/6/90
	86-064	KR	A casing, particulary a junction-box casing for telecommunications engineering	87-6321	6/22/87	044556	9/25/91
	86-069	KR	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	87-13630	12/1/87	99325	9/4/96
	87-075	KR	Connector bank for telecommunication devices	88-8240	7/4/88	50223	3/25/92

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	87-077	KR	Device for holding connector banks in telecommunication systems	88-8320	7/5/88	57640	12/23/92
	88-095	KR	Contact member of electrical conductors	89-9921	7/12/89	139108	2/25/98
	88-159	KR	Connecting element for optical waveguides	88-11453	9/5/88	129531	11/10/97
	89-010	KR	Wire connector for cable wires, in particular of telecommunication cables	90-14531	9/14/90		
	90-006	KR	Connecting block for the telecommunication and data technology	91-39006	5/12/91		
	90-011	KR	Terminal block for telecommunications systems	91-7167	5/3/91	267161	7/3/00
	90-012	KR	Cutting Clamping Contact	91-8777	4/29/91	267162	7/3/00
	90-015	KR	Protective circuit and protective device plug for telecommunication installations	91-12778	7/25/91	199221	3/4/99
	91-014	KR	Cutting and clamping sleeve contact	92-16492	9/9/92		
	92-004	KR	Case, in particular cable branching case	93-2633	2/25/93		
	92-019	KR	Method for elctronically labelling articel	24019/1993	11/12/93		
	92-022	KR	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	93-24039	11/12/93		
	92-026	KR	Method and arrangement for establishing networks of electro-optical display-field modules	93-29251	12/23/93		
	93-006	KR		93-31986	1/31/93		
	93-020	KR	Termination module	94-12483	6/3/94	258463	3/11/00
	93-023	KR	Connection block for high speed transmission in the telecommunication and data system	1994-18248	7/27/94	308713	8/31/01
	93-030	KR	Terminal block	94-24101	9/24/94		
	93-034	KR	Termination unit for telecommunication and data lines	94-33211	12/8/94		
	94-007	KR	Insulation displacement contact element	95-1393	1/26/95	228602	8/11/99
	94-012	KR	Obliquely disposed insulation displacement contact	95-6891	3/29/95		
	94-015	KR	Housing for optical components	95-8359	4/11/95		
	94-021	KR	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95-19217	7/1/95	284720	12/22/00
	94-027	KR	Manufacturing process for structured metal plating on surfaces	94-22741	9/9/94		
	94-031	KR	Protection plug	95-21988	7/25/95	232666	9/7/99

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	95-006	KR	Electrical Connectors	96-13041	4/26/96		
	95-012	KR	Distribution device for telecommunications and data technique	96-41563	9/23/96		
	95-013	KR	Termination device for the telecommunication and data technique	96-39633	9/13/96		
	95-016	KR	Terminal block for high transmission rates	96-35676	8/27/96		
	95-019	KR	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96-39051	9/10/96		
	96-002	KR	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97-8277	3/12/97		
	96-005	KR	Management-capable splice cassette	97-8692	3/14/97	0444288	8/3/04
	96-011	KR	High density high performance connector	97-20015	5/22/97		
	96-013	KR	Connecting terminal	97-46047	9/6/97		
	96-018	KR	Clamping device	97-57761	11/3/97		
	96-019	KR	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97-67315	12/10/97		
	96-020	KR	Terminal, isolating or connecting strip	97-66959	12/9/97	499929	6/28/05
	96-021	KR	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	97-63790	11/28/97		
	97-002	KR	Outdoor housing	98-6353	2/27/98	521947	10/7/05
	97-003	KR	Protection Plug	1998-6352	2/27/98	515912	9/12/05
	97-008	KR	Arrangement of contact pairs for compensation of near-end crosstalk	98-7217	3/5/98		
	97-012	KR	Distribution block for telecommunication and data technology	98-7710	3/9/98		
	97-013	KR	Stationary housing with wall elements made of plastic	98-7880	3/10/98		
	97-016	KR	Overvoltage protection module	98-16603	5/9/98		
	97-018	KR	Overvoltage protection plug with fail-safe device	98-19688	5/29/98	302219	7/2/01
	97-032	KR	Patch Panel with retractable patch cord	98-59510	12/28/98		
	98-002	KR	Support body for an electrical contact arrangement	2000-7007442	1/21/99		
	98-013	KR	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	2000-7012920	5/12/99	623213	9/5/06

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-022	KR	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-024	KR	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-025	KR	Shielding device for connection strips in telecommunications and data engineering	2001-7005307	10/14/99	631099	9/26/06
	99-002	KR	Surge arrester mounting unit for telecommunications and data systems equipment	99-47743	10/30/99	617505	8/22/06
	99-017	KR	Connecting cable with an electrical plug connection	2002-7006888	11/16/00	668189	1/5/07
	E-TO-00091	KR	Connector Receptacle Assembly	2008-7023402	3/13/07	10-0996328	11/17/10
	MP0766	KR	Fiber Optic Splicing	1820/82	4/26/82		
	MP0838COM	KR	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	4825/83	10/12/83	49181	2/19/92
	MP1018	KR	Splice Case	700612/86	12/31/85	72019	3/18/94
	MP1111	KR	Insulation Displacement Connector For High Axial Strength	4493/87	5/8/87		
	MP1129	KR	Splice Closure System	700133/88	5/29/87		
	MP1177	KR	Optical Fiber Tap Utilizing Reflector	1596/88	2/13/88		
	MP1206COM	KR	Terminal Block	8440/88	7/7/88		
	MP1239COM	KR	Telecommunication Terminal Block Or Adapter	702053/89	3/4/89		
	MP1243	KR	Cable Sealing Apparatus				
	MP1258	KR	Splice Case	702452/89	4/26/89	120365	8/18/97
	MP1273	KR	Method Of Cable Sealing	700947/90	9/8/89		
	MP1275	KR	Rotary Connection Strain Relief On Terminal Block	701032/90	9/19/89		
	MP1286	KR	Coaxial Cable Connector	701605/91	5/15/90		
	MP1293	KR	E-Z-On Connectors	701788/91	6/8/90	147689	5/18/98
	MP1317	KR	Telecommunications Terminal Housing & Method Of Encl A Telecomm Terminal Within A Minimum Clearance Opening Container	700338/92	8/17/90		
	MP1345COM	KR	Binding Post For Wide Tolerance Caps	700642/92	9/21/90		
	MP1347	KR	Couplers For Terminating Optical Fiber Ends				

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1355	KR	Splice Case	702403/94	1/17/92		
	MP1374C	KR	Gel Filled Modular Electrical Connecting Block	703046	1/12/94		
	MP1391	KR	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	701064/93	10/3/91		
	MP1398	KR	Optical Fiber Enclosure Including Novel Retaining Ring	702949/93	3/30/92		
	MP1404	KR	Hermaphroditic Gel Closure	702718/93	3/13/92		
	MP1405	KR	Multi-Gauge Waffle Rotary Connection				
	MP1412	KR	Hinged Gel-Filled Security And Environmental Protection Device	703688/93	6/7/92	119986	8/11/97
	MP1431	KR	Hybrid Fiber In The Loop Telephony System	703106/94	2/22/93		
	MP1432	KR	Low Temperature Expandable Gaskets	700444/95	8/6/93		
	MP1452	KR	Coaxial Cable Connection Protection System	700092/95	7/9/93		
	MP1461	KR	Coaxial Cable Connection Method And Device Using Oxide Inhibiting Sealant	702160/95	11/22/93		
	MP1476	KR	Oval Port Seal	700341/96	7/21/94		
	MP1511	KR	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	706815/96	5/30/95		
	MP1514	KR	Environmental Protection Device With Manually Operated Latch Mechanism	706784/96	5/17/95		
	MP1540	KR	Coaxial Cable Connector				
	MP1541	KR	Locking Coaxial Cable Connector And Adaptor	704300/97	12/21/95		
	NC003	KR	Cable Seal	703273/93	5/1/92		
	NC005	KR	Fiber Optic Splice Organizer And Associated Method	704805/94	6/29/93		
	NC006	KR	Gas Tube Vent-Safe Device	704804/94	6/29/93		
	NC008	KR	Surge Arrestor Fail Safe Thermal Overload Mechanism	704806/94	6/29/93		
	NC010	KR	Enclosure Assembly For Telecommunication Cables	704571/94	6/15/93		
	NC011	KR	Telecommunications Network Interface Assembly	700092/94	5/11/93		
	NC012	KR	Fiber Optic Splice Closure	702159/95	11/20/93		
	NC019	KR	Telecommunications Terminal		2/7/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC044	KR	Fiber Optic Splice Closure Including Side Pivoting Slack Storage Holder And Associated Methods	7005995/01	11/12/99		
	NC045	KR	Fiber Optic Splice Closure Including End Pivoting Slack Storage Holder And Associated Methods	2001-7005996	11/12/99		
02316.3392KRWO	TO-00402	KR	Portable Device for Attaching a Connector to an Optical Fiber	10-2013-7024610	2/7/12		
02316.3413KRWO	TO-00509	KR	Optical Fiber Connection System Including Optical Fiber Alignment Device	2014-7025156	2/6/13		
02316.3597KRWO		KR	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
02316.3625KRWO		KR	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.3627KRWO		KR	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.3835KRWO	E-TO-00125	KR	Interface Module	2009-7006819	10/9/07	10-1045736	6/24/11
02316.3845KRWO	18204	KR	Method and Apparatus for Providing Out of Band Communications Over Structured Cabling	2007-7012099	11/29/05		
02316.3882KRWO	E-TO-00009	KR	Electrical Connector with Crosstalk Compensation	2007-7013919	12/16/05	10-0906078	6/26/09
02316.3887KRWO	E-TO-00088	KR	Receptacle with Crosstalk Optimizing Contact Array	2008-7022862	3/9/07	10-1038375	5/25/11
02316.3888KRWO	E-TO-00089	KR	Electrical Connector Having Staggered Contacts	2008-7027861	5/15/07	10-1034143	5/2/11
02316.3889KRWO	E-TO-00090	KR	Electrical Connector Having Contact Plates	2008-7024841	4/26/07	10-1021025	3/2/11
02316.3915KRWO	E-TO-00205	KR	Electrical Connector With a Compliant Cable Strain Relief Element	2010-7028390	6/18/09	10-1311106	9/13/13
02316.3918KRWO	E-TO-00223	KR	Cassette for Use Within a Connectivity Management System	2011-7019257	2/24/10	10-1250145	3/27/13
02316.3986KRWO	TO-00266	KR	Fiber Optic Multi Dwelling Unit Deployment Apparatus and Methods for Using the Same	10-2011-7016067	12/7/09		
02316.3998KRWO	MP1492	KR	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	705670/96	4/6/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3999KRW1	MP1374B	KR	Gel Filled Electrical Connector	701855/94	12/3/92	291567	3/13/01
02316.3999KRWO	MP1374A	KR	Alarm And Test System For A Digital Added Mail Line	700646/93	8/1/91		
02316.4000KRWO	NC004	KR	Telecommunications Terminal Block	701193/94	10/5/92	281339	11/17/00
02316.4058KRWO	E-TO-00097	KR	Sealing Assemblies and Methods for Sealing an Elongate Member	2009-7021189	3/6/08		
100.0047/01		KR	CELLULAR RADIO SYSTEM WITH CENTRALIZED LOCATED BASE STATIONS AND DISTRIBUTED ANTENNA UNITS	705422/1995	5/25/94	10-300449	6/16/01
100.1250KR01		KR	TIMESLOT MAPPING AND/OR AGGREGATION ELEMENT FOR DIGITAL RADIO FREQUENCY TRANSPORT ARCHITECTURE	10-2015-7015450	6/10/15		
100.1251KR01		KR	FORWARD-PATH DIGITAL SUMMATION IN DIGITAL RADIO FREQUENCY TRANSPORT	10-2015-7015448	6/10/15		
2316.1006/01		KR	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	2001-7008694	1/3/00		
2316.1007/I1		KR	TELECOMMUNICATIONS JACK ASSEMBLY	2001-7008947	1/4/00		
2316.1834/I1		KR	PATCH PANEL WITH MODULES	2006-7022790	3/2/05		
2316.1910/WO		KR	Communication wire	2005-7005002	9/8/03		
2316.2295/I1		KR	SYSTEMS AND METHODS OF FIBER DISTRIBUTION AND MANAGEMENT	2006-7010964	11/17/04	10-1249602	3/26/13
2316.2295/I1		KR	SYSTEMS AND METHODS FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT	2012-7004004	11/17/04	10-1205756	11/22/12
2316.2298/U1		KR	FIBER DROP TERMINAL	2007-7012511	11/2/05		
2316.2299/P2		KR	LOOPBACK PLUG AND METHOD	2007-7026918	4/19/06		
2316.2316/U3		KR	FIBER OPTIC CABLE BREAKOUT CONFIGURATION WITH "Y" BLOCK	2008-7024741	3/6/07		
2316.2336/01		KR	FIBER DISTRIBUTION HUB WITH SWING FRAME AND MODULAR TERMINATION PANELS	2008-7022476	2/7/07	1397280	5/13/14
2316.2336/P1		KR	FIBER DISTRIBUTION HUB WITH OUTSIDE ACCESSIBLE GROUNDING TERMINALS	2008-7022475	2/7/07	1369118	2/24/14
2316.2467/01		KR	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	2009-7013231	11/28/07		
2316.2467/I1		KR	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	2009-7013232	11/28/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
5487.228 .WO	E-TO-00043	KR	Sealing Assemblies and Methods for Sealing an Elongate Member	2007-7028018	4/6/06		
5487-136-KR	NC066	KR	Connector Assembly for Use with Connector Plug	10-2004-7016925	3/13/03	10-1030172	4/12/11
5487-139	NC071	KR	Toggle Type Telecommunications Terminal Blocks	2005-7020669	4/6/04	10-1202316	11/12/12
5487-139-KR	NC074	KR	Toggle Type Telecommunications Terminal Blocks Including a Travel Limit Member	10-2006-7011059	10/7/04	10-1092085	12/2/11
P12.482 KR/10-008 KR	10-008	KR	Connecting box for glass fiber cables	2012-7023258	1/10/11		
15618		KR	ELECTRICAL CONNECTOR WITH SLOTTED BEAM CONTACT	95-521	1/13/95	318720	12/12/01
14305		KR	CYLINDRICAL INSULATION DISPLACING CONNECTOR	90-11633	7/28/90		
15396		KR	IMPROVED SHIELDED ELECTRICAL CONNECTOR	93-17865	9/7/93	281253	11/16/00
15476		KR	OVERMOLDED ALIGNMENT FERRULE	94-10771	5/17/94		
15496		KR	MODULE FOR TELEPHONE LINE CONDUCTOR PAIR HAVING SINGLE PROTECTOR UNIT	94-9902	5/6/94		
15526		KR	COMMUNICATIONS CONNECTOR TERMINAL ARRAYS HAVING NOISE CANCELLING CAPABILITIES	15966/94	7/5/94	340693	5/31/02
15544		KR	OVERMOLD STRAIN RELIEF AND SNAG PREVENTION FEATURE	97-701855	7/14/95		
15626		KR	SPLICE TRAY RACK AND CABINET FOR FIBER OPTIC CABLES	6037/94	3/25/94		
15672		KR	AUTOMATIC TOOL FOR MICRO-CONNECTOR	15965/94	7/5/94		
15696		KR	INTERCONNECT ASSEMBLY FOR OPTICAL FIBER PLUGS	23520/94	9/16/94		
15700		KR	NETWORK INTERFACE DEVICE MODULE PROVIDING SEALED CUSTOMER ACCESSIBLE TEST PORT	96-705033	2/13/95		
15736		KR	ENCLOSURE WITH SEALANT FOR SPLICED COAXIAL CABLE	94-33018	12/7/94	315105	11/6/01
15780		KR	CAPTIVATED FIBER OPTIC CONNECTOR	2783/95	2/15/95		
15872		KR	AN ELECTRICAL CONNECTOR AND AN ASSOCIATED METHOD FOR COMPENSATING FOR CROSSTALK BETWEEN A PLURALITY OF CONDUCTORS	97-708130	4/4/96		
16012		KR	DIVERGENT LOAD BAR	97-702875	9/8/95		
16121		KR	WIRE CONNECTING SYSTEM	97-708196	4/4/96		
40057		KR	SHIELDED DATA CONNECTOR	93-2573	2/24/93	143758	4/10/98
40108		KR	DATA COMMUNICATION OUTLET KIT	94-9214	4/29/94	330125	3/13/02
40113		KR	SUBSCRIBER INTERFACE BOX	17954/94	7/25/94		
40174		KR	PATCH PANEL IDC CONNECTOR	95-4081	2/28/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
40256		KR	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	46311/95	12/4/95		
40377		KR	WIRE CUTTING ELECTRICAL CONNECTOR HAVING TEST PROBE ACCESS	708659	5/22/96		
40427		KR	SEALED SPLICING CONNECTOR				
51082		KR	OPTICAL FIBER RECEIVING CASE, CASE RECEIVING BODY AND RECEIV ING CASE ASSEMBLY	6717/98	3/2/98		
TO-00559		KR	Cable Management System including Splitter/Filter Tray	10-2015-7001525	7/4/13		
WR102		KR	Heat Shrink Radi With Removable Outlets	1995/87	3/6/87	107344	11/6/96
WR137		KR	Connection To Terminal Plate. Similarity To D. Terminator	702527/92	4/12/91	193177	2/2/99
WR140		KR	Mechanical Radi Seal	93700764	9/12/91	0233344	9/11/99
WR142		KR		701583/93	11/27/91		
WR147		KR	Modified Ezam Cable Duct Seal For Vault Closure				
WR148		KR	Hand Operated Multiple Wire Connector With Guide Slots				
WR150		KR					
WR155		KR	Silicone Rubber Seal For Box	700461/95	8/11/93		
WR159		KR	Uteic With Ports For In-Line Or Butt Connection	703916/95	2/23/94		
WR160		KR	Catv Splitter With Variable Attenuation	702784/95	1/6/94		
WR164		KR	Uteic Cable Gripper With Self-Centring	702809/95	1/6/94		
WR165		KR	Catv Box For In-Line/Butt Connection	700941/96	8/23/94		
WR166		KR	Shaped Silicone Rubber Seal For Uteic Closure				
WR168		KR					
	00-012	KW	Assembly and method for use in terminating an optical fiber or fibers	PA88/2001	10/23/01		
	94-031	KW	Protection plug	95/95	7/8/95		
	96-020	KW	Terminal, isolating or connecting strip	PA185/97	12/8/97		
2316.1519		KZ	JACK; JACK ASSEMBLY; AND METHODS	200400084	7/9/02	007249	8/25/06
	96-020	KZ	Terminal, isolating or connecting strip	971776.1	12/8/97	8085	5/15/02
	98-010	KZ	Electrical Connector	991533.1	4/19/99	9766	8/24/04
	98-024	KZ	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
2316.1910/WO		KZ	Communication wire	200500485	9/8/03	007750	12/19/06
WR165		KZ	Catv Box For In-Line/Butt Connection	961545.1	8/23/94		
WR166		KZ	Shaped Silicone Rubber Seal For Uteic Closure				
WR168		KZ					
WR171		KZ	Catv Tap With Switch				

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-012	LB	Assembly and method for use in terminating an optical fiber or fibers	6279	6/12/01		
	96-020	LB	Terminal, isolating or connecting strip		12/8/97		
	99-006	LB	Device for mounting terminal strips for telecommunication, control power and data technology	6136	3/14/00	6136	5/22/00
	98-024	LC	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
100.0515		LI	CONNECTION ARRANGEMENT	95306986.1	10/3/95		
2316.0786		LI	FIBER CONNECTOR AND ADAPTER	98922274.0	5/14/98	0 983 525	7/9/03
2316.0891		LI	REPAIRABLE CONNECTOR AND METHOD	99901287.5	1/5/99	1 051 777	5/2/03
	00-004	LI	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-001	LI	Shielding device for terminal blocks	00126936.4	12/8/00	1117158	2/13/08
	00-002	LI	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-008	LI	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01		
	00-009	LI	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-012	LI	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-013	LI	Connection module	01117086.7	7/13/01		
	00-015	LI	Electrical Connector	01956564.7-2217	7/26/01		
	00-017	LI	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05
	00-018	LI	Plastic patch panel	01985780.4	9/24/01		
	00-019	LI	Optical Fibre Connection Housing	01982343.4-1524	9/24/01		
	01-004	LI	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	01-005	LI	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	03-001	LI	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	03-003	LI	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-006	LI	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-012	LI	Slipover distribution cabinet	04713893.8	2/24/04	1597804	1/17/07

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	03-013	LI	Construction kit for distribution cabinets	04006018.8	3/12/04		
	04-014	LI	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	LI	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	LI	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	80-012	LI	A tool for electrically connecting insulated wires	81102206.0	3/24/81	0040307	8/14/85
	80-128	LI	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	81101410.9	2/26/81	0038412	4/24/85
	80-129	LI	A twin contact terminal element	81102012.2	3/18/81	0041596	7/16/86
	80-130	LI	Universal connector for a solderless, screwless and stripless system for testing, connecting and isolating conductor tracks	81103884.3	5/20/81	0044387	2/6/85
	80-131	LI	A connector device for testing a cable wire relative to all other cable wires within a contact element	81103883.5	5/20/81	0044913	2/1/84
	80-132	LI	A self supporting terminal element	81101181.6	2/19/81	0053219	6/13/84
	81-135	LI	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	82108047.0	9/1/82	0075150	1/7/87
	82-030	LI	Modular plug connector	82111212.5	12/3/82	0084632	3/26/86
	83-040	LI	A terminal strip	84102700.6	3/13/84	0124721	9/10/86
	83-140	LI	A cable distribution head	83112627.1	12/15/83	0125343	9/27/89
	83-142	LI	A heat protection device for over-voltage arrester magazines	84106412.4	6/5/84	0130403	5/18/88
	84-016	LI	Multipolar plug	85730151.9	11/8/85	0189730	12/27/89
	84-147	LI	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	84107396.8	6/27/84	0165335	9/16/87
	85-003	LI		86730087.3	5/22/86	0210945	
	86-064	LI	A casing, particulary a junction-box casing for telecommunications engineering	87730050.9	5/8/87	0253756	11/18/93
	86-066	LI	Cutting/clamping terminal element for electrical conductors	87730118.4	9/30/87	0270479	8/12/92
	86-068	LI		87730118.4	9/30/87	0270479	5/6/92

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	86-069	LI	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	87730134	8/5/93	0270480	
	86-069	LI	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	93112523.1	10/27/87		
	86-156	LI		87730030.1	3/21/87	0243296	12/27/90
	87-003	LI		88730042.4	2/24/88		
	87-075	LI	Connector bank for telecommunication devices	88730118.2	5/17/88	0302814	2/16/94
	87-077	LI	Device for holding connector banks in telecommunication systems	88730116.6	5/13/88	0304393	1/12/94
	87-166	LI	Terminal unit for cable pairs in Telecommunication systems	88730114.1	5/11/88	0296095	3/24/93
	88-006	LI		88730074.7	3/24/88	0288418	7/22/92
	88-086	LI	Tool for connecting cable wires	88730250.3	11/12/88	0329917	11/19/92
	88-087	LI		88117463.5	10/20/88	0328738	
	88-088	LI	Protective plug for connector or disconnector banks	89100535.7	1/13/89	0338187	12/29/93
	88-091	LI	Receiving pre-amplifier for an optical telecommunication line	89730043.0	2/22/89	0344091	11/3/93
	88-092	LI		88113259.1	8/13/88	0312729	
	88-097	LI	Connection device for switchung or disconnection line paths in telephone exchanges	89115536.8	8/23/89	0365780	4/26/95
	88-098	LI	Plug connector for telecommunication and data systems	89730204.8	8/23/89	0373096	9/8/93
	88-159	LI	Connecting element for optical waveguides	88112078.6	7/27/88	0309677	12/15/93
	89-005	LI	Protection plug for connector banks of telecommunication and data systems	90101057.9	1/19/90	0388585	12/21/94
	89-006	LI	Connector banks with voltage surge protection	90250072.7	3/16/90	0399628	6/7/95
	89-008	LI		90111280.5	6/15/90		
	89-010	LI	Wire connector for cable wires, in particular of telecommunication cables	90115668.7	8/16/90	0428832	1/12/94
	89-014	LI		90118446.5	9/26/90	0421253	3/16/94
	89-101	LI	Plug connector	90250004.0	1/4/90		
	89-102	LI	Shield connecting element for a connector bank	90250003.2	1/4/90	03823322	10/6/93
	89-192	LI	Electrical Connector	90122815.5	11/29/90	0445376	4/19/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-002	LI	Voltage limiter	90122922.9	11/30/90	0440905	8/30/95
	90-006	LI	Connecting block for the telecommunication and data technology	91100348.1	1/12/91	0446572	1/11/95
	90-008	LI		91102642.5	2/22/91	0447834	
	90-009	LI	Device for displaying announcements, in particular prices in numerical form	91103873.5	3/14/91	0451528	9/8/93
	90-011	LI	Terminal block for telecommunications systems	91103990.7	3/15/91	0456987	5/6/93
	90-012	LI	Cutting Clamping Contact	91106635.5	4/25/91	0459144	5/24/95
	90-015	LI	Protective circuit and protective device plug for telecommunication installations	91110018.8	6/19/91	0471167	5/25/94
	90-021	LI		91115168.6	9/7/91	0484654	12/5/91
	91-001	LI		91119994.1	11/23/91		
	91-010	LI		92108267.3	5/15/92		
	91-011	LI	Insulation displacement contact terminal	92111624.0	7/9/92	0525457	3/6/96
	91-013	LI	Terminal bank for the telecommunication and data technology	92111854.3	9/9/92	0529267	6/16/99
	91-014	LI	Cutting and clamping sleeve contact	9211972.3	7/14/92	0531664	1/31/96
	91-022	LI	Switching assembly for glass fibre cables of the telecommunication and data technology	92113177.7	8/3/92	0536496	2/11/98
	92-006	LI	Cutting and clamping Terminal Element	93101539.0	2/2/93	0558937	1/3/96
	92-009	LI			2/24/93		
	92-014	LI	Split flap display device	93110150.5	6/25/93	0583577	1/3/96
	92-015	LI	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	93112697.3	8/7/93		
	92-019	LI	Method for elctronically labelling articel	93250311.3	11/10/93		
	92-021	LI		93115054.4	9/18/93	0601290	6/4/97
	92-022	LI	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	93114996.7	9/17/93	0601289	11/27/96
	92-024	LI	Signal-connector with capacitive adjustment for improved crosstalk parameters	93113952.1	9/1/93	0598192	1/8/97
	92-025	LI	Method and arrangement for optically representing information	93114019.8	9/2/93		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-026	LI	Method and arrangement for establishing networks of electro-optical display-field modules	93116523.7	10/13/93		
	93-006	LI		931119488.0	12/3/93		
	93-008	LI	Termination device for the communication and data technique	93119249.6	11/30/93		
	93-009	LI	Distribution device, in particular for the main distribution device of telephone and data lines	93119583.8	12/4/93	0618741	3/18/98
	93-015	LI	Cable branching device	94103854.9	3/14/94	0623832	5/27/98
	93-017	LI	Method for monitoring the filing levels of material of value collection containers	94105657.4	4/13/94		
	93-023	LI	Connection block for high speed transmission in the telecommunication and data system	94108404.8	6/1/94	0637097	9/2/98
	93-028	LI	Clamping Terminal unit	94112249.1	8/5/94	0643454	1/14/98
	93-030	LI	Terminal block	94113179.3	8/24/94	0645841	11/11/98
	93-032	LI	Electrical Plug Connector	94114414.9	9/14/94		
	93-033	LI		94114068.3	9/8/94		
	93-034	LI	Termination unit for telecommunication and data lines	94116632.4	10/21/94		
	93-036	LI	Coupling device between a glass fibre and a dielectric waveguide	94117310.6	11/3/94		
	94-003	LI	Digital electronic Loop Crossconnect & Carrier System	94117980.6	11/25/94		
	94-005	LI	Separation spark gap for limiting the maximum voltage on a surge arrester	94118945.8	12/1/94	0665619	3/5/97
	94-006	LI	Winding cartridge	94108836.1	6/9/94		
	94-007	LI	Insulation displacement contact element	94117060.7	10/28/94	0665614	4/19/00
	94-009	LI		94119809.5	12/15/94	0667650	9/9/98
	94-012	LI	Obliquely disposed insulation displacement contact	95100738.4-2214	1/20/95	0675564	9/30/98
	94-015	LI	Housing for optical components	95102617.8	2/24/95	0679917	1/19/00
	94-018	LI	Automatic distribution device for telecommunication and data lines	95106047.4	4/22/95		
	94-019	LI	Distribution apparatus, particularly for the main distributor of telecommunications or data lines	95107287.5	5/13/95		
	94-021	LI	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95105067.3	4/5/95	0690539	7/7/99

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-022	LI	Electrical Plug Connector	95106785.9	5/5/95	0693801	8/26/98
	94-025	LI	Printed Circuit Board for Connectors	95108378.1	6/1/95	0697804	2/9/00
	94-026	LI	Flip-over Display Module	95109294.9	6/16/95		
	94-027	LI	Manufacturing process for structured metal plating on surfaces	94113917.2	9/6/94	0643153	6/19/96
	94-031	LI	Protection plug	95109298.0	6/16/95	0706194	9/3/97
	94-032	LI	Terminal element	95109771.6	6/23/95	0706234	11/24/99
	94-035	LI	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	95111172.3	7/15/95		
	94-036	LI	Cable protection element	95106431.0	4/28/95		
	94-037	LI	19"Racking system	95106430.2-2207	4/28/95		
	95-006	LI	Electrical Connectors	96105422.8	4/4/96		
	95-009	LI	Switching field	96112250.4-2302	7/30/96	0758792	10/17/01
	95-010	LI	Electrical Connector	96112491.4	8/2/96		
	95-012	LI	Distribution device for telecommunications and data technique	96113135.6	8/16/96		
	95-013	LI	Termination device for the telecommunication and data technique	96114423.5-2209	9/10/96		
	95-016	LI	Terminal block for high transmission rates	96111904.7-2308	7/24/96	0766352	11/29/00
	95-017	LI	Connecting device for telecommunication and data technique	96110940.2-2308	7/6/96		
	95-019	LI	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96113454.1-2209	8/22/96		
	95-020	LI	Automatic re-arrangement and distribution device for telecommunication and data lines	96115100.8	9/29/96		
	95-022	LI	Main distribution frame MDF	96920705.9	6/26/96		
	96-001	LI	Electronic access control and security system	97101244.8	1/28/97		
	96-002	LI	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97101240.6	1/28/97	0797379	9/18/02
	96-005	LI	Management-capable splice cassette	97101253.9	1/28/97		
	96-006	LI	Earthing module	97104914.3-2308	3/22/97		
	96-007	LI	Termination tool	97104913.5-2308	3/22/97		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-011	LI	High density high performance connector	97108131.0	5/20/97		
	96-013	LI	Connecting terminal	97111592.8	7/9/97	0837525	11/8/00
	96-018	LI	Clamping device	97118901.4	10/30/97	0844694	3/1/00
	96-019	LI	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-020	LI	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	96-021	LI	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	97118903.0	10/30/97	0849850	7/11/01
	97-002	LI	Outdoor housing	98102656.0	2/17/98	0863593	8/29/01
	97-003	LI	Protection Plug	98102655.2	2/17/98	0862197	6/9/99
	97-008	LI	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-011	LI	Cable fastening	98102653.7	2/17/98		
	97-012	LI	Distribution block for telecommunication and data technology	98103424.2	2/27/98		
	97-013	LI	Stationary housing with wall elements made of plastic	98103423.4	2/27/98		
	97-016	LI	Overvoltage protection module	98107492.5	4/24/98		
	97-017	LI	Safety Plug (Terminator)	98107586.4	4/25/98		
	97-018	LI	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-019	LI	Interface module	98107578.1	4/25/98		
	97-022	LI		98114148.4	7/29/98		
	97-023	LI	Method for designing a telecommunications and data network	98948732.7	8/6/98		
	97-025	LI	Casing	98117540.9	9/16/98	0910146	5/25/05
	97-028	LI	Apparatus for connecting cable cores	98119013.5	10/8/98		
	97-030	LI	High Frequency Cable	98964444.8	11/27/98		
	97-031	LI	Electrical power outlet with IDC connections	98121647.6	11/12/98	0921611	6/4/03
	97-032	LI	Patch Panel with retractable patch cord	98123266.3	12/7/98		
	98-001	LI	Optical fibre connector	98960871.6	12/8/98		
	98-002	LI	Support body for an electrical contact arrangement	99906182.3	1/21/99		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-004	LI	Casing	99101294.9	1/25/99	0938163	4/27/05
	98-005	LI	Clamping element for cable shielding	99104341.5	3/4/99	0944132	12/20/00
	98-010	LI	Electrical Connector	99107064.0	4/10/99	0952635	8/24/05
	98-013	LI	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	LI	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-023	LI	Electrical Connector	99112489.2	7/1/99		
	98-024	LI	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	98-025	LI	Shielding device for connection strips in telecommunications and data engineering	99952571.0	10/14/99		
	99-001	LI	Connection element for cable conductor	99121852.0	11/4/99	1018786	9/19/01
	99-002	LI	Surge arrester mounting unit for telecommunications and data systems equipment	99121037.8	10/21/99		
	99-006	LI	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07
	99-007	LI	Connector element with closure device	00916921.0	3/10/00		
	99-009	LI	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-010	LI	Traction relief device for a wire	00110099.9	5/13/00		
	99-014	LI	Frontpanel for LWL-modules	00115726.2-2205	7/21/00		
	99-017	LI	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	99-018	LI	Electrical Connector	00124720.4	11/13/00		
	99-019	LI	Distribution cabinet	99121185.5	10/22/99	1047167	9/17/03
	ITRACS001	LI	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
14764		LI	INSULATION DISPLACING BARREL TERMINAL	92921641.4	10/7/92	560971	2/26/97
15396		LI	IMPROVED SHIELDED ELECTRICAL CONNECTOR	93306228.3	8/6/93	587303	10/21/98
	00-008	LK	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	12940	5/30/01		
	80-128	LK	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	9107	4/20/81	9107	8/6/82

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	80-129	LK	A twin contact terminal element	9133	6/11/81	9133	8/20/82
	80-132	LK	A self supporting terminal element	9135	6/19/81	9135	11/5/82
	81-135	LK	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	9256	9/17/82	9256	10/15/82
	82-030	LK	Modular plug connector	9280	1/21/83	9280	5/25/83
	83-140	LK	A cable distribution head	9387	2/17/84	9387	5/25/84
	87-077	LK	Device for holding connector banks in telecommunication systems	9928	8/17/88	9928	11/4/88
	90-006	LK	Connecting block for the telecommunication and data technology	10243	3/13/91	10243	1/7/94
	90-012	LK	Cutting Clamping Contact	10268	5/30/91	10268	8/23/91
	90-015	LK	Protective circuit and protective device plug for telecommunication installations	10284	6/25/91	10284	8/23/91
	91-014	LK	Cutting and clamping sleeve contact	10417	8/19/92	10417	6/10/94
	94-031	LK	Protection plug	10834	6/23/95	24232	1/26/96
	96-020	LK	Terminal, isolating or connecting strip	11353	12/9/97	11353	1/20/98
	98-024	LK	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-024	LR	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-024	LS	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	00-002	LT	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-004	LT	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-009	LT	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-015	LT	Electrical Connector	01956564.7-2217	7/26/01	1312137	5/25/05
	00-020	LT	Distribution cabinet	01919316.8-2214	2/20/01	1264522	8/17/05
	03-001	LT	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	03-006	LT	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-013	LT	Construction kit for distribution cabinets	04006018.8	3/12/04		
	04-012	LT	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	LT	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	05-011	LT	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	LT	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	94-026	LT	Flip-over Display Module	95109294.9	6/16/95		
	94-031	LT	Protection plug	95109298.0	6/16/95	0706194	9/3/97
	95-006	LT	Electrical Connectors	96105422.8	4/4/96		
	95-013	LT	Termination device for the telecommunication and data technique	96114423.5-2209	9/10/96		
	95-016	LT	Terminal block for high transmission rates	96111904.7-2308	7/24/96	0766352	11/29/00
	95-019	LT	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96113454.1-2209	8/22/96		
	96-002	LT	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97101240.6	1/28/97	0797379	9/18/02
	96-011	LT	High density high performance connector	97108131.0	5/20/97		
	96-018	LT	Clamping device	97118901.4	10/30/97	0844694	3/1/00
	96-019	LT	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-020	LT	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	97-008	LT	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-018	LT	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-030	LT	High Frequency Cable	98964444.8	11/27/98		
	98-002	LT	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-013	LT	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	LT	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-024	LT	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	99-006	LT	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07
	99-009	LT	Socket	00110100.5	5/13/00	1059477	7/19/06

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	99-010	LT	Traction relief device for a wire	00110099.9	5/13/00		
	99-014	LT	Frontpanel for LWL-modules	00115726.2-2205	7/21/00		
	99-017	LT	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	99-019	LT	Distribution cabinet	99121185.5	10/22/99	1047167	8/7/03
2316.0019		LU	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSING	85850253.7	8/1/85	0 197 234	2/27/91
2316.0024		LU	ELECTRICAL JACK	85850121.6	4/4/85		
2316.0038		LU	ELECTRICAL JACK FRAME	81101655.9	3/6/81	0 035 776	7/24/85
2316.0041		LU	ELECTRICAL CONNECTOR APPARATUS	85850356.8	11/5/85	0 181 306	2/17/93
2316.0056		LU	ELECTRICAL CONNECTOR APPARATUS	85850355.0	11/5/85	0 181 305	2/27/91
2316.0095		LU	JACK DEVICE	86309708.5	12/12/86	0 230 746	2/22/95
2316.0113		LU	TERMINAL ASSEMBLY	87101289.4	1/30/87	0 233 527	11/13/91
2316.0123		LU	OPTICAL FIBER DISTRIBUTION APPARATUS	86307114.8	9/16/86		
2316.0172		LU	OPTICAL SWITCH	87,510	5/3/89	87,510	9/12/89
2316.0300		LU	PLUG-IN JACK CARD FOR NORMALLY CLOSED CONTACTS	91402605.9	9/30/91	0 486 331	7/24/96
2316.0786		LU	FIBER CONNECTOR AND ADAPTER	03004353.3	5/14/98	1331496	1/4/06
	07-004	LU	Terminal block	07856677.5	12/13/07	2127029	4/23/14
	00-001	LU	Shielding device for terminal blocks	00126936.4	12/8/00	1117158	2/13/08
	00-002	LU	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-004	LU	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-008	LU	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01		
	00-009	LU	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-012	LU	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-013	LU	Connection module	01117086.7	7/13/01		
	00-015	LU	Electrical Connector	01956564.7-2217	7/26/01		
	00-017	LU	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-018	LU	Plastic patch panel	01985780.4	9/24/01		
	00-019	LU	Optical Fibre Connection Housing	01982343.4-1524	9/24/01		
	00-020	LU	Distribution cabinet	01919316.8-2214	2/20/01	1264522	8/17/05
	01-004	LU	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	01-005	LU	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	03-001	LU	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	03-003	LU	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-006	LU	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-012	LU	Slipover distribution cabinet	04713893.8	2/24/04	1597804	1/17/07
	03-013	LU	Construction kit for distribution cabinets	04006018.8	3/12/04		
	04-012	LU	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	LU	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	LU	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	LU	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	77-122	LU	LSA-Plus Module	79755	6/2/78	79755	11/28/78
	78-123	LU	Connection module	80837	1/26/79	80837	6/5/79
	80-012	LU	A tool for electrically connecting insulated wires	81102206.0	3/24/81	0040307	8/14/85
	80-128	LU	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	81101410.9	2/26/81	0038412	4/24/85
	80-129	LU	A twin contact terminal element	81102012.2	3/18/81	0041596	7/16/86
	80-130	LU	Universal connector for a solderless, screwless and stripless system for testing, connecting and isolating conductor tracks	81103884.3	5/20/81	0044387	2/6/85
	80-131	LU	A connector device for testing a cable wire relative to all other cable wires within a contact element	81103883.5	5/20/81	0044913	2/1/84
	80-132	LU	A self supporting terminal element	81101181.6	2/19/81	0053219	6/13/84
	81-135	LU	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	82108047.0	9/1/82	0075150	1/7/87

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	82-030	LU	Modular plug connector	82111212.5	12/3/82	0084632	3/26/86
	83-140	LU	A cable distribution head	83112627.1	12/15/83	0125343	9/27/89
	84-016	LU	Multipolar plug	85730151.9	11/8/85	0189730	12/27/89
	84-147	LU	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	84107396.8	6/27/84	0165335	9/16/87
	85-003	LU		86730087.3	5/22/86	0210945	
	86-064	LU	A casing, particulary a junction-box casing for telecommunications engineering	87730050.9	5/8/87	0253756	11/18/93
	86-066	LU	Cutting/clamping terminal element for electrical conductors	87730118.4	9/30/87	0270479	8/12/92
	86-068	LU		87730118.4	9/30/87	0270479	5/6/92
	86-069	LU	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	87730134	10/27/87	0270480	
	86-069	LU	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	93112523.1	8/5/93		
	86-156	LU		87730030.1	3/21/87	0243296	12/27/90
	87-003	LU		88730042.4	2/24/88		
	87-075	LU	Connector bank for telecommunication devices	88730118.2	5/17/88	0302814	2/16/94
	87-077	LU	Device for holding connector banks in telecommunication systems	88730116.6	5/13/88	0304393	1/12/94
	87-166	LU	Terminal unit for cable pairs in Telecommunication systems	88730114.1	5/11/88	0296095	3/24/93
	88-006	LU		88730074.7	3/24/88	0288418	7/22/92
	88-086	LU	Tool for connecting cable wires	88730250.3	11/12/88	0329917	11/19/92
	88-087	LU		88117463.5	10/20/88	0328738	
	88-088	LU	Protective plug for connector or disconnector banks	89100535.7	1/13/89	0338187	12/29/93
	88-091	LU	Receiving pre-amplifier for an optical telecommunication line	89730043.0	2/22/89	0344091	11/3/93
	88-092	LU		88113259.1	8/13/88	0312729	
	88-097	LU	Connection device for switchung or disconnection line paths in telephone exchanges	89115536.8	8/23/89	0365780	4/26/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	88-098	LU	Plug connector for telecommunication and data systems	89730204.8	8/23/89	0373096	9/8/93
	88-159	LU	Connecting element for optical waveguides	88112078.6	7/27/88	0309677	12/15/93
	89-005	LU	Protection plug for connector banks of telecommunication and data systems	90101057.9	1/19/90	0388585	12/21/94
	89-006	LU	Connector banks with voltage surge protection	90250072.7	3/16/90	0399628	6/7/95
	89-008	LU		90111280.5	6/15/90		
	89-010	LU	Wire connector for cable wires, in particular of telecommunication cables	90115668.7	8/16/90	0428832	1/12/94
	89-101	LU	Plug connector	90250004.0	1/4/90		
	89-102	LU	Shield connecting element for a connector bank	90250003.2	1/4/90	03823322	10/6/93
	89-192	LU	Electrical Connector	90122815.5	11/29/90	0445376	4/19/95
	90-002	LU	Voltage limiter	90122922.9	11/30/90	0440905	8/30/95
	90-006	LU	Connecting block for the telecommunication and data technology	91100348.1	1/12/91	0446572	1/11/95
	90-008	LU		91102642.5	2/22/91	0447834	
	90-009	LU	Device for displaying announcements, in particular prices in numerical form	91103873.5	3/14/91	0451528	9/8/93
	90-011	LU	Terminal block for telecommunications systems	91103990.7	3/15/91	0456987	5/6/93
	90-012	LU	Cutting Clamping Contact	91106635.5	4/25/91	0459144	5/24/95
	90-015	LU	Protective circuit and protective device plug for telecommunication installations	91110018.8	6/19/91	0471167	5/25/94
	90-021	LU		91115168.6	9/7/91	0484654	12/5/91
	91-001	LU		91119994.1	11/23/91		
	91-010	LU		92108267.3	5/15/92		
	91-011	LU	Insulation displacement contact terminal	92111624.0	7/9/92	0525457	3/6/96
	91-013	LU	Terminal bank for the telecommunication and data technology	92111854.3	9/9/92	0529267	6/16/99
	91-014	LU	Cutting and clamping sleeve contact	9211972.3	7/14/92	0531664	1/31/96
	91-022	LU	Switching assembly for glass fibre cables of the telecommunication and data technology	92113177.7	8/3/92	0536496	2/11/98
	91-029	LU		92109367.0	6/3/92	0528125	9/7/94
	92-006	LU	Cutting and clamping Terminal Element	93101539.0	2/2/93	0558937	1/3/96
	92-009	LU			2/24/93		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-014	LU	Split flap display device	93110150.5	6/25/93	0583577	1/3/96
	92-015	LU	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	93112697.3	8/7/93		
	92-019	LU	Method for elctronically labelling articel	93250311.3	11/10/93		
	92-025	LU	Method and arrangement for optically representing information	93114019.8	9/2/93		
	92-026	LU	Method and arrangement for establishing networks of electro-optical display-field modules	93116523.7	10/13/93		
	93-017	LU	Method for monitoring the filing levels of material of value collection containers	94105657.4	4/13/94		
	93-032	LU	Electrical Plug Connector	94114414.9	9/14/94		
	93-033	LU		94114068.3	9/8/94		
	93-034	LU	Termination unit for telecommunication and data lines	94116632.4	10/21/94		
	93-036	LU	Coupling device between a glass fibre and a dielectric waveguide	94117310.6	11/3/94		
	94-003	LU	Digital electronic Loop Crossconnect & Carrier System	94117980.6	11/25/94		
	94-006	LU	Winding cartridge	94108836.1	6/9/94		
	94-012	LU	Obliquely disposed insulation displacement contact	95100738.4-2214	1/20/95	0675564	9/30/98
	94-015	LU	Housing for optical components	95102617.8	2/24/95	0679917	1/19/00
	94-026	LU	Flip-over Display Module	95109294.9	6/16/95		
	94-027	LU	Manufacturing process for structured metal plating on surfaces	94113917.2	9/6/94	0643153	6/19/96
	94-035	LU	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	95111172.3	7/15/95		
	95-006	LU	Electrical Connectors	96105422.8	4/4/96		
	95-010	LU	Electrical Connector	96112491.4	8/2/96		
	95-012	LU	Distribution device for telecommunications and data technique	96113135.6	8/16/96		
	95-022	LU	Main distribution frame MDF	96920705.9	6/26/96		
	96-006	LU	Earthing module	97104914.3-2308	3/22/97		
	96-007	LU	Termination tool	97104913.5-2308	3/22/97		
	96-011	LU	High density high performance connector	97108131.0	5/20/97		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-018	LU	Clamping device	97118901.4	10/30/97	0844694	3/1/00
	96-019	LU	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-020	LU	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	97-008	LU	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-017	LU	Safety Plug (Terminator)	98107586.4	4/25/98		
	97-018	LU	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-028	LU	Apparatus for connecting cable cores	98119013.5	10/8/98		
	97-030	LU	High Frequency Cable	98964444.8	11/27/98		
	97-031	LU	Electrical power outlet with IDC connections	98121647.6	11/12/98	0921611	6/4/03
	97-032	LU	Patch Panel with retractable patch cord	98123266.3	12/7/98		
	98-002	LU	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-005	LU	Clamping element for cable shielding	99104341.5	3/4/99	0944132	12/20/00
	98-010	LU	Electrical Connector	99107064.0	4/10/99	0952635	8/24/05
	98-013	LU	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	LU	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-023	LU	Electrical Connector	99112489.2	7/1/99		
	98-024	LU	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	99-001	LU	Connection element for cable conductor	99121852.0	11/4/99	1018786	9/19/01
	99-002	LU	Surge arrester mounting unit for telecommunications and data systems equipment	99121037.8	10/21/99		
	99-007	LU	Connector element with closure device	00916921.0	3/10/00		
	99-009	LU	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-010	LU	Traction relief device for a wire	00110099.9	5/13/00		
	99-017	LU	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	99-018	LU	Electrical Connector	00124720.4	11/13/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	99-019	LU	Distribution cabinet	99121185.5	10/22/99	1047167	8/7/03
	ITRAC S001	LU	A System for Monitoring Connection Pattern of Data Ports	00919250	4/5/00	1173811	9/13/06
	ITRAC S001	LU	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
WR035		LU	Cable Marker Plate	82103744	5/3/82		
WR045		LU	Inside-Out Moulded End Part	82105976.3	7/5/82	0080016	6/12/85
	00-002	LV	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-004	LV	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-009	LV	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-015	LV	Electrical Connector	01956564.7-2217	7/26/01		
	00-020	LV	Distribution cabinet	01919316.8-2214	2/20/01	1264522	8/17/05
	03-001	LV	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	03-006	LV	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-013	LV	Construction kit for distribution cabinets	04006018.8	3/12/04		
	04-012	LV	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	LV	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	06-010	LV	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	95-013	LV	Termination device for the telecommunication and data technique	96114423.5-2209	9/10/96		
	95-019	LV	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96113454.1-2209	8/22/96		
	96-011	LV	High density high performance connector	97108131.0	5/20/97		
	96-018	LV	Clamping device	97118901.4	10/30/97	0844694	3/1/00
	96-019	LV	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-020	LV	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	97-008	LV	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-018	LV	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-030	LV	High Frequency Cable	98964444.8	11/27/98		
	98-002	LV	Support body for an electrical contact arrangement	99906182.3	1/21/99		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-013	LV	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	LV	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-024	LV	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	99-006	LV	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07
	99-009	LV	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-010	LV	Traction relief device for a wire	00110099.9	5/13/00		
	99-014	LV	Frontpanel for LWL-modules	00115726.2-2205	7/21/00		
	99-017	LV	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	99-019	LV	Distribution cabinet	99121185.5	10/22/99	1047167	8/7/03
WR165		LV	Catv Box For In-Line/Butt Connection	P9658	8/23/94	11507	12/20/96
WR166		LV	Shaped Silicone Rubber Seal For Uteic Closure				
2316.2660		LY	Hardened Fiber Optic Connector System with Multiple Arrangements	4010/2010	12/9/08		
	96-020	MA	Terminal, isolating or connecting strip	PV24891	12/8/97	24419	7/1/98
	99-017	MA	Connecting cable with an electrical plug connection	PCT/EP00/11348	11/16/00		
2316.0786		MC	FIBER CONNECTOR AND ADAPTER	03004353.3	5/14/98	1331496	1/4/06
	00-001	MC	Shielding device for terminal blocks	00126936.4	12/8/00	1117158	2/13/08
	00-002	MC	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-004	MC	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-007	MC	Electrical connector with spaced contact portions	01940348.4-1231	4/25/01		
	00-008	MC	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01		
	00-009	MC	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-012	MC	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-013	MC	Connection module	01117086.7	7/13/01		
	00-015	MC	Electrical Connector	01956564.7-2217	7/26/01		
	00-017	MC	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-018	MC	Plastic patch panel	01985780.4	9/24/01		
	00-019	MC	Optical Fibre Connection Housing	01982343.4-1524	9/24/01		
	00-020	MC	Distribution cabinet	01919316.8-2214	2/20/01		
	01-004	MC	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	01-005	MC	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	03-001	MC	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	03-003	MC	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-006	MC	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-012	MC	Slipover distribution cabinet	04713893.8	2/24/04	1597804	1/17/07
	03-013	MC	Construction kit for distribution cabinets	04006018.8	3/12/04		
	04-014	MC	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	MC	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	MC	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	91-010	MC		92108267.3	5/15/92		
	91-011	MC	Insulation displacement contact terminal	92111624.0	7/9/92	0525457	3/6/96
	91-013	MC	Terminal bank for the telecommunication and data technology	92111854.3	9/9/92	0529267	6/16/99
	91-014	MC	Cutting and clamping sleeve contact	9211972.3	7/14/92	0531664	1/31/96
	91-022	MC	Switching assembly for glass fibre cables of the telecommunication and data technology	92113177.7	8/3/92	0536496	2/11/98
	92-006	MC	Cutting and clamping Terminal Element	93101539.0	2/2/93	0558937	1/3/96
	92-009	MC			2/24/93		
	92-014	MC	Split flap display device	93110150.5	6/25/93	0583577	1/3/96
	92-015	MC	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	93112697.3	8/7/93		
	92-019	MC	Method for elctronically labelling articel	93250311.3	11/10/93		
	92-025	MC	Method and arrangement for optically representing information	93114019.8	9/2/93		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-026	MC	Method and arrangement for establishing networks of electro-optical display-field modules	93116523.7	10/13/93		
	93-017	MC	Method for monitoring the filing levels of material of value collection containers	94105657.4	4/13/94		
	93-032	MC	Electrical Plug Connector	94114414.9	9/14/94		
	93-033	MC		94114068.3	9/8/94		
	93-034	MC	Termination unit for telecommunication and data lines	94116632.4	10/21/94		
	93-036	MC	Coupling device between a glass fibre and a dielectric waveguide	94117310.6	11/3/94		
	94-003	MC	Digital electronic Loop Crossconnect & Carrier System	94117980.6	11/25/94		
	94-006	MC	Winding cartridge	94108836.1	6/9/94		
	94-012	MC	Obliquely disposed insulation displacement contact	95100738.4-2214	1/20/95	0675564	9/30/98
	94-015	MC	Housing for optical components	95102617.8	2/24/95	0679917	1/19/00
	94-026	MC	Flip-over Display Module	95109294.9	6/16/95		
	94-027	MC	Manufacturing process for structured metal plating on surfaces	94113917.2	9/6/94	0643153	6/19/96
	94-035	MC	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	95111172.3	7/15/95		
	95-006	MC	Electrical Connectors	96105422.8	4/4/96		
	95-010	MC	Electrical Connector	96112491.4	8/2/96		
	95-022	MC	Main distribution frame MDF	96920705.9	6/26/96		
	96-006	MC	Earthing module	97104914.3-2308	3/22/97		
	96-007	MC	Termination tool	97104913.5-2308	3/22/97		
	96-011	MC	High density high performance connector	97108131.0	5/20/97		
	96-018	MC	Clamping device	97118901.4	10/30/97	0844694	3/1/00
	96-019	MC	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-020	MC	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	97-008	MC	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-017	MC	Safety Plug (Terminator)	98107586.4	4/25/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	97-028	MC	Apparatus for connecting cable cores	98119013.5	10/8/98		
	97-030	MC	High Frequency Cable	98964444.8	11/27/98		
	97-031	MC	Electrical power outlet with IDC connections	98121647.6	11/12/98	0921611	6/4/03
	97-032	MC	Patch Panel with retractable patch cord	98123266.3	12/7/98		
	98-002	MC	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-005	MC	Clamping element for cable shielding	99104341.5	3/4/99	0944132	12/20/00
	98-010	MC	Electrical Connector	99107064.0	4/10/99	0952635	8/24/05
	98-013	MC	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	MC	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-023	MC	Electrical Connector	99112489.2	7/1/99		
	98-024	MC	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	99-001	MC	Connection element for cable conductor	99121852.0	11/4/99	1018786	9/19/01
	99-002	MC	Surge arrester mounting unit for telecommunications and data systems equipment	99121037.8	10/21/99		
	99-007	MC	Connector element with closure device	00916921.0	3/10/00		
	99-009	MC	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-010	MC	Traction relief device for a wire	00110099.9	5/13/00		
	99-017	MC	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	99-018	MC	Electrical Connector	00124720.4	11/13/00		
	99-019	MC	Distribution cabinet	99121185.5	10/22/99	1047167	8/7/03
	ITRAC S001	MC	A System for Monitoring Connection Pattern of Data Ports	00919250	4/5/00	1173811	9/13/06
	ITRAC S001	MC	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
WR156		MC	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	93919538.4	9/14/93		
WR160		MC	Catv Splitter With Variable Attenuation	94903960.6	1/6/94		
WR163		MC	Uteic With Dust Flap	94919793.3	7/8/94		
WR166		MC	Shaped Silicone Rubber Seal For Uteic Closure	94924915.5	8/23/94		
WR168		MC		94931106.2	10/27/94		
WR172		MC	Catv Tap With Power Tap-Off	95932823.8	9/26/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1519		MD	JACK; JACK ASSEMBLY; AND METHODS	200400084	7/9/02	007249	8/25/06
	98-024	MD	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	99-017	MD	Connecting cable with an electrical plug connection	PCT/EP00/11348	11/16/00		
2316.1910/WO		MD	Communication wire	200500485	9/8/03	007750	12/19/06
	00-015	ME	Electrical Connector	P-116/03	7/26/01	49799	10/29/07
	03-002	ME	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	P-296/08	2/27/04	00259	4/11/11
	04-012	ME	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	ME	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	96-020	ME	Terminal, isolating or connecting strip	P-479/97	12/9/97	48988	1/15/03
	97-003	ME	Protection Plug	P-81/98	2/27/98	48923	9/5/02
	98-013	ME	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	P-713/00	5/12/99	49373	5/23/05
	99-017	ME	Connecting cable with an electrical plug connection	P-422/02	11/16/00	49811	8/7/08
	98-024	MG	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	00-002	MK	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-004	MK	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-009	MK	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-020	MK	Distribution cabinet	01919316.8-2214	2/20/01	1264522	8/17/05
	03-001	MK	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	03-006	MK	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-013	MK	Construction kit for distribution cabinets	04006018.8	3/12/04		
	04-012	MK	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	MK	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	MK	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	MK	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	96-020	MK	Terminal, isolating or connecting strip	P122/97	12/9/97		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-020	MK	Terminal, isolating or connecting strip	P122/97	12/9/97	900646	2/20/01
	98-024	MK	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	99-017	MK	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/05
	99-019	MK	Distribution cabinet	99121185.5	10/22/99	1047167	8/7/03
	98-024	MN	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	99-017	MN	Connecting cable with an electrical plug connection	PCT/EP00/11348	11/16/00		
	06-010	MT	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	98-024	MW	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
40.1620		MX	PATCH MODULE	193,326	6/25/82	153,431	10/8/86
100.0053		MX	MICROCELLULAR COMMUNICATIONS SYSTEM WITH CENTRALIZED BASED STATIONS AND DISTRIBUTED ANTENNA UNITS	No Serial No.	4/4/94		
100.0054		MX	OPTIMIZATION OF WEIGHTED SIGNAL-TO-NOISE RATIO FOR A DIGITAL ENCODER	94 4728	6/22/94		
100.0059		MX	CELLULAR RERADIATION TRAFFIC MONITOR SYSTEM	9501631	3/31/95		
100.0081		MX	OPEN LOOP PHASE ESTIMATION METHODS AND APPARATUS FOR COHERENT DEMODULATION OF PHASE MODULATED CARRIERS IN MOBILE CHANNELS		10/5/94		
100.0084		MX	CELLULAR DIGITAL PACKET DATA MOBILE DATA BASE STATION	9502160	5/11/95	206,504	2/8/02
100.0099		MX	REDUCING WAITING TIME JITTER	PA/a/2001/004373	11/2/99	227604	5/3/05
100.0157		MX	HIGH FREQUENCY AMPLIFICATION CIRCUIT	2003/003086	10/10/01	241872	11/10/06
100.0407		MX	SYSTEM AND METHOD FOR ELECTRONICALLY IDENTIFYING CONNECTIONS OF A CROSS-CONNECT SYSTEM	2000004838	11/17/98		
100.0408		MX	TEST ACCESS SYSTEM AND METHOD FOR DIGITAL COMMUNICATION LINKS	006332	12/23/98		
100.0409		MX	TEST ACCESS SYSTEM AND METHOD FOR DIGITAL CROSS CONNECT COMMUNICATION NETWORKS	PAA2001012	6/7/00		
100.0411		MX	TEST ACCESS AND PERFORMANCE MONITORING SYSTEM AND METHOD FOR CROSS-CONNECT COMMUNICATION NETWORK	0009925	12/23/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0414		MX	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	2002/005967	12/14/00		
100.0572		MX	METHODS AND SYSTEMS OF CATHODIC PROTECTION FOR METALLIC ENCLOSURES	MX/A/2007/005280	11/3/05	267994	7/3/09
100.0879		MX	SYSTEMS AND METHODS FOR DOPPLER SHIFT COMPENSATION IN OFDMA COMMUNICATIONS	MX/a/2010/011709	4/25/09	298373	
100.1107		MX	SYSTEM AND METHOD TO DETERMINE DATA THROUGHPUT IN A COMMUNICATION NETWORK	PA/a/2002/003506	10/6/00		
100.1108		MX	METHOD AND SYSTEM FOR PERFORMING TIME DOMAIN REFLECTOMETRY CONTEMPORANEOUSLY WITH RECURRENT TRANSMISSIONS ON COMPUTER NETWORK WITH RECURRENT TRANSMISSIONS ON COMPUTER NETWORK	2002/003403	10/3/00		
100.1112		MX	COMPUTER NETWORK PHYSICAL-LAYER ANALYSIS METHOD AND SYSTEM	2001/005924	12/29/99		
100.1115		MX	AGGREGATION OF PHYSICAL LAYER INFORMATION RELATED TO A NETWORK	MX/a/2011/008513	2/12/10	321545	7/1/14
100.1161		MX	INTER-NETWORKING DEVICES FOR USE WITH PHYSICAL LAYER INFORMATION	MX/a/2011/008507	2/12/10	326413	
100.1161		MX	INTER-NETWORKING DEVICES FOR USE WITH PHYSICAL LAYER INFORMATION	MX/a/2014/012184	10/9/14		
100.1162		MX	NETWORK MANAGEMENT SYSTEMS FOR USE WITH PHYSICAL LAYER INFORMATION	MX/a/2015/008658	7/2/15		
100.1162		MX	NETWORK MANAGEMENT SYSTEMS FOR USE WITH PHYSICAL LAYER INFORMATION	MX/a/2011/008517	2/12/10	326414	
100.1162		MX	NETWORK MANAGEMENT SYSTEMS FOR USE WITH PHYSICAL LAYER INFORMATION	MX/a/2014/012183	10/9/14		
100.1163		MX	MANAGED CONNECTIVITY DEVICES, SYSTEMS, AND METHODS	MX/a/2011/008506	2/12/10	318312	3/5/14
100.1207		MX	INTELLIGENT FIBER CABLE MANAGEMENT USER APPLICATION	MX/a/2014/006231	11/21/12		
100.1239		MX	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE	MX/a/2014/015522	6/25/13		
500.0822		MX	VISUAL DATA INTEGRATION SYSTEM AND METHOD	10,063	4/15/99		
2316.0041		MX	ELECTRICAL CONNECTOR APPARATUS	500	11/5/85	160,324	2/7/90

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0041		MX	ELECTRICAL CONNECTOR APPARATUS	15,708	4/18/89	167,193	3/9/93
2316.0056		MX	ELECTRICAL CONNECTOR APPARATUS				
2316.0172		MX	OPTICAL SWITCH	15,923	5/4/89	170,058	8/5/93
2316.0443		MX	FIXTURE FOR TERMINATING MINIATURE COAXIAL CABLE	940155	1/3/94		
2316.0454		MX	REAR CROSS-CONNECT DSX SYSTEM	944,642	6/20/94	204,827	10/22/01
2316.0458		MX	PATCH CORD	941,337	2/22/94	184,098	3/5/97
2316.0488		MX	HIGH-DENSITY FIBER DISTRIBUTION FRAME	949,770	12/15/94	N209128	7/23/02
2316.0498		MX	JACK MODULE	948,329	10/27/94	185,309	7/15/97
2316.0691		MX	SWITCHING COAX JACK DEVICE	998,849	3/23/98	207,557	4/23/02
2316.0777		MX	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	998,848	9/27/99	209,167	7/23/02
2316.0786		MX	FIBER CONNECTOR AND ADAPTER	9910541	5/14/98	220,606	5/27/04
2316.0786		MX	FIBER CONNECTOR AND ADAPTER	PA/a/2001/002625	9/1/99	248273	8/23/07
2316.0926		MX	OUTSIDE PLANT FIBER DISTRIBUTION APPARATUS AND METHOD	2001/000865	7/26/99		
2316.0942		MX	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	12,039	5/20/99	235393	3/31/06
2316.0942		MX	Telecommunications Patch Panel With Angled Connector Modules And Method Of Assembling Such A Panel	MX/a/2008/012812	10/3/08	287226	6/6/11
2316.0942		MX	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	MX/a/2011/005901	6/3/11	313604	9/25/13
2316.0942		MX	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	PA/a/2006/003612	3/30/06	269427	8/24/09
2316.0951		MX	FIBER OPTIC ADAPTER, INCLUDING HYBRID CONNECTOR SYSTEM	2001/005125	11/10/99		
2316.0960		MX	FIBER OPTIC MODULE	2001/000651	7/14/99	230,919	9/29/05
2316.0960		MX	FIBER OPTIC CONNECTOR MODULE	PA/a/2005/005524	7/14/99	253073	1/7/08
2316.0988		MX	JACK ASSEMBLY	MX/a/2007/005253	5/2/07	271689	11/10/09
2316.0988		MX	JACK ASSEMBLY	PA/a/2001/004740	11/5/99	230359	9/5/05
2316.0988		MX	JACK ASSEMBLY	PA/a/2004/011001	11/5/99	246992	7/4/07
2316.1009		MX	DSX MODULE WITH REMOVABLE JACK	2001/010093	3/31/00	225,704	1/20/05
2316.1017		MX	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	PA/a/2001/008124	2/10/00		
2316.1051		MX	HIGH DENSITY PATCHING SYSTEM	2001/010471	4/11/00	225,565	1/13/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1171		MX	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	2002/009767	3/14/01	229,328	7/21/05
2316.1172		MX	POWER DISTRIBUTION PANEL WITH HEAT SINK	2002/009158	3/8/01		
2316.1247		MX	TUNABLE FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	PA/a/2003/005823	12/14/01	238041	6/23/06
2316.1247		MX	TUNABLE FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	PA/a/2006/007240	6/22/06	254114	2/14/08
2316.1362		MX	DIGITAL SWITCHING CROSS-CONNECT MODULE	PA/a/2005/000643	7/10/03	250037	10/8/07
2316.1397		MX	CARD EDGE COAXIAL CONNECTOR	PA/a/2004/009427	3/21/03	251760	11/23/07
2316.1475		MX	CABLE STORAGE SPOOL	2003/008028	3/5/02		
2316.1481		MX	DSX JACK INCLUDING SLIDING REAR CONNECTOR	MX/a/2007/003807	3/29/07	270216	9/21/09
2316.1481		MX	DSX JACK INCLUDING SLIDING REAR CONNECTOR	MX/a/2007/003815	3/29/07	270215	9/21/09
2316.1481		MX	DSX JACK INCLUDING SLIDING REAR CONNECTOR	PA/a/2003/009319	4/11/02	254988	2/27/08
2316.1599		MX	FIBER TERMINATION BLOCK WITH ANGLED SLIDE	2004/004641	11/7/02	244164	3/15/07
2316.1605		MX	FRONT ACCESS DSX ASSEMBLY	PA/a/2004/002695	9/16/02	249101	9/18/07
2316.1607		MX	APPARATUS AND METHOD FOR POLISHING A FIBER OPTIC CONNECTOR	PA/a/2005/007919	1/26/04	254314	2/7/08
2316.1681		MX	FIBER MANAGEMENT MODULE WITH CABLE STORAGE	PA/a/2004/011729	5/20/03	242283	11/27/06
2316.1692		MX	REAR ACCESS DSX SYSTEM	PA/a/2005/004092	10/8/03	248781	9/7/07
2316.1693		MX	HIGH DENSITY DSX SYSTEM	PA/a/2005/004035	10/8/03		
2316.1702		MX	CABLE MANAGEMENT ASSEMBLY, SYSTEM AND METHOD	PA/a/2005/005090	11/12/03	252789	12/18/07
2316.1722		MX	TERMINATED COAXIAL CONNECTOR	PA/a/2005/000855	5/7/03	256938	5/7/08
2316.1726		MX	FIBER MANAGEMENT DRAWER AND PATCH PANEL	PA/a/2005/000746	7/17/03	249645	9/28/07
2316.1737		MX	10/100 MBS NETWORK DEVICE	PA/a/2006/003271	9/21/04	266760	5/13/09
2316.1744		MX	HIGH DENSITY PANEL WITH ROTATING TRAY	PA/a/2005/004161	9/26/03	251720	11/22/07
2316.1747		MX	POWER DISTRIBUTION PANEL WITH MODULAR INSERTS	PA/a/2005/006152	12/12/03	249784	10/2/07
2316.1777		MX	COAXIAL MODULE WITH SURGE PROTECTOR	PA/A/2005/009142	2/19/04	257876	6/12/08
2316.1780		MX	FIBER CONTAINMENT SYSTEM	PA/a/2005/012767	5/28/04	255541	3/24/08
2316.1785		MX	TELECOMMUNICATIONS CONNECTION CABINET	PA/a/2006/000222	6/18/04	263371	12/19/08
2316.1787		MX	FIBER OPTIC CONNECTOR HOLDER AND METHOD	MX/a/2008/001660	2/1/08	279199	9/22/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1787		MX	FIBER OPTIC CONNECTOR HOLDER AND METHOD	MX/a/2010/010340	9/22/10	299536	5/25/12
2316.1787		MX	FIBER OPTIC CONNECTOR HOLDER AND METHOD	PA/a/2005/013849	6/23/04	256455	4/18/08
2316.1793		MX	SLIDE ARRANGEMENT FOR CABLE DRAWER	PA/a/2006/001051	7/15/04	274896	3/31/10
2316.1801		MX	FIBER OPTIC CABLE AND FURCATION MODULE	MX/a/2008/010034	8/5/08	288011	7/4/11
2316.1801		MX	FIBER OPTIC CABLE AND FURCATION MODULE	MX/a/2011/007115	6/30/11	304763	10/31/12
2316.1801		MX	FIBER OPTIC CABLE AND FURCATION MODULE	PA/a/2006/002444	9/1/04	259377	8/6/08
2316.1808		MX	JACK WITH MODULAR MOUNTING SLEEVE	MX/a/2008/010450	8/14/08	275714	5/6/10
2316.1808		MX	JACK WITH MODULAR MOUNTING SLEEVE	PA/a/2006/004861	10/29/04	259834	8/20/08
2316.1822		MX	LONG FRAME HIGH DENSITY PATCHING SYSTEM	MX/a/2007/000439	7/20/05		
2316.1832		MX	WDM SYSTEMS AND METHODS (CWDM)	PA/a/2006/009930	2/25/05	273712	1/27/10
2316.1850		MX	DSX MODULE WITH PERFORMANCE MONITORING	MX/a/2007/000726	7/18/05	279951	10/14/10
2316.1863		MX	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	MX/a/2009/010286	9/24/09	297388	3/22/12
2316.1863		MX	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	MX/a/2010/010758	9/30/10	299087	5/9/12
2316.1863		MX	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	PA/a/2006/013049	6/13/05	272651	12/10/09
2316.1868		MX	HIGH DENSITY COAXIAL SWITCHING JACK	MX/a/2007/012689	4/7/06	273095	1/7/10
2316.1869		MX	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	MX/a/2007/002926	9/9/05	272382	12/2/09
2316.1888		MX	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	PA/a/2006/004748	10/14/04	267601	6/17/09
2316.1888		MX	CABLE WITH OFFSET FILLER	PA/a/2006/004864	10/14/04	265633	4/1/09
2316.1892		MX	Cable with twisting filler and shared sheath	2003/009431	4/16/02		
2316.1894		MX	Tuned patch cable	2001/012334	5/25/00	232598	12/2/05
2316.1895		MX	Low delay skew multi-pair cable and method of manufacture	2001/012337	5/25/00	232595	12/2/05
2316.1896		MX	Optimizing lan cable performance	PA/a/2001/012332	5/24/00	236874	5/15/06
2316.1897		MX	Cable assembly with molded stress relief and method for making the same	2001/012333	5/25/00	232596	12/2/05
2316.1899		MX	Modular Jack with wire management	PA/a/2005/012200	5/11/04	255004	2/28/08
2316.1905		MX	Interface device for testing a telecommunication circuit	PA/a/2005/014080	6/14/04	254387	2/8/08
2316.1906		MX	Cable with twisting filler	A/2001/001364	8/6/99		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1912		MX	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	MX/a/2007/005310	11/2/05	269015	8/5/09
2316.1912		MX	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	MX/A/2009/008302	8/4/09	287524	6/15/11
2316.1954		MX	TELECOMMUNICATIONS CABLE JACKET ADAPTED FOR POST-EXTRUSION INSERTION OF OPTICAL FIBER AND METHODS FOR MANUFACTURING THE SAME	MX/a/2007/009560	2/9/06	270357	9/24/09
2316.1955		MX	LOW SHRINK TELECOMMUNICATIONS CABLE AND METHODS FOR MANUFACTURING THE SAME	MX/a/2007/008707	1/13/06	272918	12/16/09
2316.2069		MX	LOOP PLUG	MX/a/2007/009042	1/27/06	274550	3/17/10
2316.2109		MX	FIBER OPTIC CONNECTOR HOLDER	MX/a/2008/000832	7/20/06	279967	10/14/10
2316.2113		MX	CABLE TROUGH SYSTEM AND METHOD	MX/a/2008/004457	9/29/06	285080	3/28/11
2316.2114		MX	FIBER OPTIC SPLITTER MODULE	MX/a/2007/014680	5/18/06	280442	10/27/10
2316.2115		MX	FIBER OPTIC ADAPTER MODULE	MX/a/2007/014686	5/18/06	274744	3/24/10
2316.2116		MX	FIBER OPTIC ADAPTER MODULE	MX/a/2007/014321	7/19/06	282190	12/15/10
2316.2126		MX	SYSTEMS AND METHODS FOR LIFTING A TERMINAL ENCLOSURE IN BELOW GROUND APPLICATIONS	MA/a/2007/014685	5/18/06		
2316.2179		MX	TELECOMMUNICATIONS JACK WITH CROSSTALK COMPENSATION PROVIDED ON A MULTI-LAYER CIRCUIT BOARD	MX/a/2008/013086	4/10/07	280226	10/20/10
2316.2276		MX	SPLICE TRAY ARRANGEMENT	MX/a/2008/006941	11/29/06		
2316.2300		MX	SYSTEMS AND METHODS FOR HINGED PARKING IN FIBER DISTRIBUTION HUBS	MX/a/2007/012994	4/19/06		
2316.2306		MX	HIGH DENSITY COAXIAL JACK	MX/a/2008/013309	4/19/07	279275	9/22/10
2316.2314		MX	FIBER OPTIC SPLITTER MODULE	MX/a/2008/009529	2/6/07	278073	8/11/10
2316.2378		MX	Telecommunications Jack with Crosstalk Compensation and Arrangements for Reducing Return Loss	MX/a/2008/013087	4/10/07	285840	4/13/11
2316.2379		MX	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	MX/a/2008/013088	4/10/07	286948	5/25/11
2316.2381		MX	TWISTED PAIRS CABLE WITH SHIELDING ARRANGEMENT	MX/a/2008/016458	5/31/07	281914	12/8/10
2316.2396		MX	MULTI-PAIR CABLE WITH VARYING LAY LENGTH	MX/a/2008/016204	6/6/07	278080	8/11/10
2316.2421		MX	ACTIVE SIGNAL CROSS-CONNECT SYSTEM	MX/a/2009/002215			

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2460		MX	HARDENED FIBER OPTIC CONNECTOR	MX/a/2009/007634	1/23/08	284446	3/7/11
2316.2474		MX	OVERHEAD CABLE TERMINATION ARRANGEMENT	MX/A/2009/007402	1/15/08	285081	3/28/11
2316.2481		MX	CABLE SPLINT	MX/a/2010/004132	10/14/08	290191	9/13/11
2316.2485		MX	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	MX/a/2009/007633	1/15/08	284360	3/3/11
2316.2498		MX	HARDENED FIBER OPTIC ADAPTER	MX/a/2009/007638	1/3/08	284825	3/16/11
2316.2503		MX	Field Terminatable Fiber Optic Connector Assembly	MX/a/2009/011033	4/11/08	287906	6/29/11
2316.2540		MX	OVERVOLTAGE PROTECTION PLUG (Design)	MX/f/2007/001751	8/23/07	27186	11/19/08
2316.2595		MX	FIBER OPTIC MODULE	MX/a/2009/013523	6/12/08	286318	5/4/11
2316.2601		MX	Mini Drop Terminal	MX/a/2010/003804	10/9/08		
2316.2601		MX	Mini Drop Terminal	MX/a/2012/000356	1/5/11	308823	4/17/13
2316.2632		MX	SPLICE TRAY HOLDER	MX/a/2010/004461	10/24/08		
2316.2652		MX	LOW PROFILE FIBER DISTRIBUTION HUB	MX/a/2010/004736	10/29/08	291710	11/3/11
2316.2652		MX	LOW PROFILE FIBER DISTRIBUTION HUB	MX/a/2011/011595	11/1/11	307695	3/5/13
2316.2658		MX	WAVELENGTH DIVISION MULTIPLEXING MODULE	MX/a/2010/004306	10/15/08	290397	9/21/11
2316.2660		MX	Hardened Fiber Optic Connector System with Multiple Arrangements	MX/a/2010/006414	12/9/08		
2316.2667		MX	Multi-Fiber Fiber Optic Cable	MX/a/2010/010601	3/27/09	304749	10/31/12
2316.2670		MX	TELESCOPING COVER FOR CABLE TROUGH SYSTEM	MX/a/2010/006120	12/4/08	290190	9/13/11
2316.2671		MX	FLEXIBLE COVER FOR CABLE TROUGH SYSTEM	MX/a/2010/006126	12/4/08	304761	10/31/12
2316.2690		MX	FIBER OPTIC ADAPTER WITH INTEGRALLY MOLDED FERRULE ALIGNMENT STRUCTURE	MX/a/2011/002086	8/26/09	298776	5/2/12
2316.2690		MX	FIBER OPTIC ADAPTER WITH INTEGRALLY MOLDED FERRULE ALIGNMENT STRUCTURE	MX/a/2012/005078	4/30/12	313211	9/11/13
2316.2700		MX	WAVELENGTH DIVISION MULTIPLEXING MODULE	MX/a/2010/008032	1/29/09	293336	12/7/11
2316.2712		MX	Fiber Optic Cable	MX/a/2010/012913	5/28/09	296269	2/16/12
2316.2712		MX	Fiber Optic Cable	MX/a/2012/001975	5/28/09	313291	9/13/13
2316.2712		MX	Fiber Optic Cable	MX/a/2013/010478	9/12/13	317681	1/31/14
2316.2712		MX	Fiber Optic Cable	MX/a/2014/001237	1/30/14	322953	8/21/14

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2726		MX	Splice of Fiber Optic Cables	MX/a/2011/002231	8/28/09		
2316.2729		MX	Adapter Plate with Angled Openings and Method of Manufacture	MX/a/2010/010470	3/16/09		
2316.2743		MX	REAR LATCH ARRANGEMENT FOR SLIDING DRAWER	MX/a/2010/010473	3/17/09	291048	10/14/11
2316.2745		MX	DRAWER ARRANGEMENT WITH RACK AND PINION	MX/a/2010/012060	5/4/09	304188	10/10/12
2316.2746		MX	UNIVERSAL CABLE MANAGEMENT PANEL	MX/a/2010/010401	3/17/09	289844	8/31/11
2316.2754		MX	FIBER MANAGEMENT PANEL	MX/a/2010/011146	4/10/09	300234	6/13/12
2316.2786		MX	Fiber Optic Splice Tray	MX/a/2010/011565	4/16/09		
2316.2802		MX	METHODS AND SYSTEMS FOR DISTRIBUTING FIBER OPTIC TELECOMMUNICATIONS SERVICES TO LOCAL AREA	MX/a/2010/013995	6/19/09	293334	12/7/11
2316.2806		MX	OVERVOLTAGE PROTECTION PLUG (Design)	MX/f/2008/002877	11/21/08	29313	9/18/09
2316.2812		MX	MODULAR FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	MX/a/2011/002822	9/16/09		
2316.2821		MX	FLEXIBLE EXTRUDED CABLE MOLDING SYSTEM, METHODS, AND TOOLS	MX/a/2010/012915	5/27/09		
2316.2826		MX	FLAT DROP CABLE	MX/a/2011/004384	10/28/09	304213	10/11/12
2316.2831		MX	POWER SWITCHING ARRANGEMENT	MX/a/2011/003821	10/9/09	303099	
2316.2832		MX	FIELD TERMINABLE FIBER OPTIC ASSEMBLY	MX/a/2011/000256	7/10/09	308434	4/3/13
2316.2863		MX	Telecommunications Jack with Adjustable Crosstalk Compensation	MX/a/2011/005533	11/25/09	304358	10/17/12
2316.2864		MX	FIBER OPTIC ADAPTER CASSETTE WITH SNAP-FIT FRONT	MX/a/2011/006071	12/4/09	307114	1/30/13
2316.2865		MX	SLIDING ADAPTER WITH UNIVERSAL CARRIAGE	MX/a/2011/004173	10/27/09	307122	1/30/13
2316.2875		MX	TELECOMMUNICATIONS PANEL AND DRAWER ARRANGEMENT	MX/a/2011/002933	9/21/09	308435	4/3/13
2316.2902		MX	FIBER OPTIC TELECOMMUNICATIONS MODULE	MX/a/2011/005380	11/17/09	303769	9/26/12
2316.2907		MX	RF CIRCUIT MODULE AND PANEL	MX/a/2011/007161	1/6/10	309071	4/25/13
2316.2908		MX	Fiber Optic Enclosure	MX/a/2011/008002	1/26/10	301472	
2316.2949		MX	RAPID UNIVERSAL RACK MOUNT DRAWER	MX/a/2012/000819	7/21/10	314527	10/23/13
2316.3045		MX	ELECTRICAL PLUG FOR MANAGED CONNECTIVITY SYSTEMS	MX/a/2012/004521	10/19/10	313834	10/2/13
2316.3045		MX	ELECTRICAL PLUG FOR MANAGED CONNECTIVITY SYSTEMS	MX/a/2013/009193	8/8/13	317682	1/31/14
2316.3045		MX	ELECTRICAL PLUG FOR MANAGED CONNECTIVITY SYSTEMS	MX/a/2014/001235	1/30/14	325164	11/7/14

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3045		MX	ELECTRICAL PLUG FOR MANAGED CONNECTIVITY SYSTEMS	MX/a/2014/013528	11/6/14		
2316.3045		MX	ELECTRICAL PLUG FOR MANAGED CONNECTIVITY SYSTEMS	MX/a/2015/006445	5/21/15		
2316.3185		MX	FIBER OPTIC CABLE WITH ELECTRICAL CONDUCTORS	MX/a/2013/009204	2/14/12		
2316.3185		MX	FIBER OPTIC CABLE WITH ELECTRICAL CONDUCTORS	MX/a/2015/006420	5/21/15		
2316.3201		MX	Strain Relief Boot for a Fiber Optic Connector	MX/a/2013/010479	3/15/12		
2316.3201		MX	Strain Relief Boot for a Fiber Optic Connector	MX/a/2013/010479	3/15/12		
2316.3202		MX	FIBER OPTIC CONNECTOR FOR 1.2 MM CABLE	MX/a/2013/010482	3/15/12		
2316.3218		MX	DROP CABLE WITH BALANCED STRENGTH MEMBER	MX/a/2014/000631	7/23/12		
2316.3259		MX	MULTI-FIBER CONNECTOR WITH SIDE LOADING OF FERRULE	MX/a/2014/006200	10/30/12		
2316.3328		MX	Cable Anchoring System for a Fiber Optic Enclosure	MX/a/2014/013316	5/2/13		
2316.3395		MX	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing				
2316.3399		MX	FIBER OPTIC ADAPTER BLOCK	MX/a/2014/008633	1/11/13		
2316.3446		MX	DEPLOYING OPTICAL FIBERS USING INDEXING TERMINALS				
2316.3448		MX	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	MX/a/2014/014008	5/17/13		
2316.3528		MX	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES				
2316.3597		MX	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
2316.3625		MX	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
2316.3627		MX	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
2316.3718		MX	System and Method for Applying an Adhesive Coated Cable to a Surface	MX/A/2015/004462	10/25/13		
	NC036	MX	Telephone Subscriber Line Module	0002961	9/25/98	228425	6/10/05
	NC049	MX	Sealant-Filled Electrical Connector And Method For Forming The Same	2001/009841	6/29/00	227160	4/7/05
	09-001	MX	Telecommunications Connector	MX/a/2011/007564	1/8/10	302436	8/15/12
	09-008	MX	Patch panel for an optical distribution frame	MX/a/2011/009453	12/16/09	307561	2/27/13
	TY-00119	MX	Connector and Connector Assembly	MX/a/2014/010032	2/19/13		
	ITRACS001	MX	A System for Monitoring Connection Pattern of Data Ports	PA/A/2001/010075	4/5/00	234856	3/14/06

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	03-002	MX	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	PA/a/2005/009326	2/27/04	260613	9/18/08
	NC071	MX	Toggle Type Telecommunications Terminal Blocks	PA/a/2005/011618	4/6/04	260617	9/18/08
	E-TO-00019	MX	Flush Floor Service Hideaway Universal Box Assembly	PA/a/2006/002073	2/22/06	259362	8/6/08
	NC074	MX	Toggle Type Telecommunications Terminal Blocks Including a Travel Limit Member	PA/a/2006/005042	10/7/04	260113	9/1/08
	MP0192	MX	Heat-Recoverable Article With Self-Contained Heater	160950	9/26/75	141013	1/14/80
	07-036	MX	Distribution cabinet with a plurality of inner bodies	MX/a/2009/009707	3/13/08	289671	8/24/11
	00-004	MX	Duplex connector for fiber clips	PA/a/2002/010282	3/21/01	224610	12/1/04
	00-008	MX	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	PA/a/2002/011790	5/30/01	223626	10/20/04
	00-011	MX	Multi wire insulation displacement contact and a method of making multi wire terminations	PA/a/2001/005734	6/7/01	224264	11/17/04
	00-015	MX	Electrical Connector	PA/a/2003/001084	7/26/01	237628	6/7/06
	00-019	MX	Optical Fibre Connection Housing	PA/a/2003/002224	9/24/01	236770	5/10/06
	01-004	MX	Universal adapter	PA/a/2004/001557	7/27/02	246233	6/6/07
	01-005	MX	Strain relief device for a Plug Connector for Communications and Data technology	PA/a/2004/002325	8/12/02	247163	7/11/07
	01-007	MX	Terminal block	PA/a/2004/003194	9/13/02	247038	7/5/07
	02-001	MX	Access guard for distributor modules	PA/a/2004/008498	2/21/03	249210	9/19/07
	02-002	MX	Plug for connection modules and method for its manufacture	PA/a/2004/008925	2/20/03	247036	7/5/07
	02-005	MX	Distribution box connection module for telecommunications and data technology	PA/a/2005/001398	7/18/03	249206	9/19/07
	02-006	MX	Patch Cord Connector	PA/a/2005/000871	7/16/03	249209	9/19/07
	03-003	MX	Overvoltage protection magazine for a telecommunications device	PA/a/2005/011006	3/26/04	255006	2/27/08
	03-005	MX	Conductor connection module for printed circuit boards	PA/a/2006/000751	6/24/04	258347	7/1/08
	03-006	MX	Distribution board connection module	PA/a/2006/002137	8/12/04	259214	7/30/08
	04-004	MX	Connection module for telecommunications and data technology	MX/a/2007/001588	8/30/05	268390	7/16/09
	07-025	MX	Connecting strip and contact element for telecommunications and data technology	MX/a/2009/012851	5/16/08	290188	9/13/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	09-003	MX	Overvoltage protection magazine or plug and method for the production of an overvoltage protection magazine or plug	MX/a/2011/008976	12/18/09	302435	8/15/12
	09-005	MX	Strain relief device	MX/a/2001/009304	12/16/09		
	11-014	MX	Surface-Mountable Enclosure	MX/a/2014/000910	7/26/12		
	18044	MX	NETWORK CONNECTION SENSING ASSEMBLY	PA/a/2005/013354	6/8/04	258847	7/17/08
	18150	MX	PATCH PANEL SYSTEM	PA/a/2006/011912	4/12/05	261489	10/17/08
	82-035	MX	Terminal element for cable wires and drop wire cables	201220	5/3/84	157940	12/23/88
	83-140	MX	A cable distribution head	200350	2/16/84	157063	10/25/88
	84-147	MX	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	202075	7/19/84	156098	7/7/88
	86-019	MX	Connector bank for cable wires, in particular for telephone cables	6255	4/28/87	164754	9/22/92
	86-064	MX	A casing, particulary a junction-box casing for telecommunications engineering	7359	7/15/87	166407	1/7/93
	86-069	MX	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	9485	11/26/87	166410	1/7/93
	87-075	MX	Connector bank for telecommunication devices	12577	8/5/88	179532	9/13/95
	87-077	MX	Device for holding connector banks in telecommunication systems	12755	8/19/88	166413	1/7/93
	88-086	MX	Tool for connecting cable wires	14763	2/3/88	166653	1/26/93
	88-088	MX	Protective plug for connector or disconnector banks	14999	2/21/89	165056	10/20/92
	88-092	MX		13472	10/19/88		
	88-095	MX	Contact member of electrical conductors	17596	9/19/89	166424	1/7/93
	89-010	MX	Wire connector for cable wires, in particular of telecommunication cables	22135	8/28/90	171746	11/11/93
	89-192	MX	Electrical Connector	24822	3/7/91	173507	3/10/94
	90-002	MX	Voltage limiter	23718	12/13/90	173728	3/24/94
	90-006	MX	Connecting block for the telecommunication and data technology	24879	3/12/91	173298	2/14/94
	90-011	MX	Terminal block for telecommunications systems	25629	5/2/91	174171	4/26/94
	90-012	MX	Cutting Clamping Contact	26013	5/30/91	173920	4/8/94

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-015	MX	Protective circuit and protective device plug for telecommunication installations	9100649	8/13/91	174657	5/31/94
	91-010	MX		924331	8/20/92		
	91-013	MX	Terminal bank for the telecommunication and data technology	924826	8/20/92	179916	10/25/95
	91-014	MX	Cutting and clamping sleeve contact	925194	9/11/92	181611	5/8/96
	92-004	MX	Case, in particular cable branching case	930981	3/9/93	180973	3/6/96
	92-022	MX	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	937595	12/2/93		
	92-024	MX	Signal-connector with capacitive adjustment for improved crosstalk parameters	937143	11/16/93	188319	3/18/98
	93-005	MX	Closing device for the door of a casing	940707	2/17/94		
	93-006	MX		937700	12/7/93		
	93-009	MX	Distribution device, in particular for the main distribution device of telephone and data lines	941232	2/17/94		
	93-015	MX	Cable branching device	943100	4/28/94	197058	6/21/00
	93-020	MX	Termination module	936645	10/26/93		
	93-021	MX	Connection module	936644	10/26/93	232528	12/2/05
	93-023	MX	Connection block for high speed transmission in the telecommunication and data system	945678	7/26/94	189207	6/24/98
	93-032	MX	Electrical Plug Connector	947298	9/22/94		
	93-034	MX	Termination unit for telecommunication and data lines	949535	12/8/94		
	93-036	MX	Coupling device between a glass fibre and a dielectric waveguide	949640	12/13/94		
	93-040	MX	Process for reducing the tearability of a thermally shrinkable web			942927	
	94-003	MX	Digital electronic Loop Crossconnect & Carrier System	949801	3/29/94		
	94-005	MX	Separation spark gap for limiting the maximum voltage on a surge arrester	949796	12/15/94		
	94-007	MX	Insulation displacement contact element	949802	12/15/94	188648	4/15/98
	94-012	MX	Obliquely disposed insulation displacement contact	951476	3/23/95	200967	3/7/01
	94-015	MX	Housing for optical components	951857	4/20/95		
	94-018	MX	Automatic distribution device for telecommunication and data lines	952637	6/22/95	203428	8/1/01

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-021	MX	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	951858	4/20/95	191307	3/25/99
	94-025	MX	Printed Circuit Board for Connectors	953150	7/20/95	198234	8/23/00
	94-031	MX	Protection plug	952954	7/6/95	203118	7/18/01
	94-032	MX	Terminal element	953539	8/17/95	191510	3/17/99
	94-035	MX	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	954429	10/19/95	197760	7/26/00
	95-009	MX	Switching field	963441	8/16/96	200913	2/28/01
	95-012	MX	Distribution device for telecommunications and data technique	964360	9/26/96		
	95-013	MX	Termination device for the telecommunication and data technique	964361	9/26/96	191311	
	95-016	MX	Terminal block for high transmission rates	964362	9/26/96	207650	4/30/02
	95-019	MX	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	964363	9/26/96		
	95-020	MX	Automatic re-arrangement and distribution device for telecommunication and data lines	964359	9/26/96		
	96-001	MX	Electronic access control and security system	971705	3/6/97		
	96-002	MX	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	971909	3/13/97	197474	7/11/00
	96-005	MX	Management-capable splice cassette	971910	3/13/97	205036	10/31/01
	96-008	MX	Mounting assembly for electrical termination blocks	972811	4/17/97	203123	7/18/01
	96-011	MX	High density high performance connector	973739	5/21/97		
	96-013	MX	Connecting terminal	977794	10/9/97		
	96-018	MX	Clamping device	978950	11/19/97		
	96-019	MX	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	979795	12/8/97		
	96-020	MX	Terminal, isolating or connecting strip	979796	12/8/97	220069	4/21/04
	97-002	MX	Outdoor housing	981779	3/5/98	208374	6/12/02
	97-003	MX	Protection Plug	981561	2/26/98	208849	7/10/02

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	97-008	MX	Arrangement of contact pairs for compensation of near-end crosstalk	981563	2/26/98		
	97-012	MX	Distribution block for telecommunication and data technology	981776	3/5/98		
	97-013	MX	Stationary housing with wall elements made of plastic	981775	3/5/98		
	97-016	MX	Overvoltage protection module	983442	4/30/98		
	97-018	MX	Overvoltage protection plug with fail-safe device	984029	5/21/98		
	97-019	MX	Interface module	984244	5/28/98		
	97-023	MX	Method for designing a telecommunications and data network	001454	8/6/98		
	97-025	MX	Casing	988563	10/16/98	218066	12/10/03
	97-032	MX	Patch Panel with retractable patch cord	9810728	12/15/98		
	98-002	MX	Support body for an electrical contact arrangement	007409	1/21/99		
	98-010	MX	Electrical Connector	993617	4/19/99	234945	3/15/06
	98-013	MX	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	011269	5/12/99		
	98-022	MX	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-023	MX	Electrical Connector	996853	7/23/99		
	98-024	MX	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-025	MX	Shielding device for connection strips in telecommunications and data engineering	PA/a/2001/004948	10/14/99	226438	2/23/05
	99-006	MX	Device for mounting terminal strips for telecommunication, control power and data technology	PCT/EP00/01685	2/29/00		
	99-007	MX	Connector element with closure device	PCT/EP00/02122	3/10/00		
	99-008	MX	Unit with wire termination and RJ style plug	PA/a/2001/012289	5/29/00		
	99-013	MX	Interconnection device for telephone/data lines with tool less wire termination and easy disconnection for testing	PCT/EP00/06500	7/8/00		
	99-016	MX	STC-Module	PCT/EP00/10882	11/4/00		
	99-017	MX	Connecting cable with an electrical plug connection	PA/a/2002/005593	11/16/00	230168	8/24/05
	DESNC 005	MX	Telecommunications Connector	93802	10/12/93	7654	4/24/95
	DESNC 006	MX	Telecommunications Terminal	93801	10/12/93	7653	4/24/95

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	E-TO-00029	MX	Modular Plug with Slider Latch	MX/a/2008/004444	10/2/06	278750	9/6/10
	E-TO-00043	MX	Sealing Assemblies and Methods for Sealing an Elongate Member	MX/a/2007/013767	4/6/06		
	E-TO-00091	MX	Connector Receptacle Assembly	MX/a/2008/11722	3/13/07	278145	8/12/10
	E-TO-00159	MX	Low-Profile Cable	MX/a/2009/000216	1/7/09		
	E-TO-00214	MX	Expandable Power Distribution Unit	MX/a/010/013686	6/16/09		
	MP0122	MX	Wraparound Closure Sleeve	129259	8/5/71	132333	6/1/76
	MP0766	MX	Fiber Optic Splicing	192452	4/27/82		
	MP0781COM	MX	Flat Sheet Closure & Method	194316	9/9/82	165883	12/8/92
	MP0855	MX	A Mechanical Coupling Assembly And Method Of Using Same	200832	3/29/84		
	MP1064	MX	Optical Fiber Distribution Network	3080	7/10/86		
	MP1239COM	MX	Telecommunication Terminal Block Or Adapter	15148	3/3/89	170026	8/4/93
	MP1275	MX	Rotary Connection Strain Relief On Terminal Block	17584	9/18/89	166042	12/16/92
	MP1293	MX	E-Z-On Connectors	21092	6/8/90	180159	11/21/95
	MP1317	MX	Telecommunications Terminal Housing & Method Of Encl A Telecomm Terminal Within A Minimum Clearance Opening Container	22007	8/17/90		
	MP1345COM	MX	Binding Post For Wide Tolerance Caps	91/00370	7/25/91		
	MP1374A	MX	Alarm And Test System For A Digital Added Mail Line	9100931	9/3/91	176587	11/3/94
	MP1374B	MX	Gel Filled Electrical Connector	926982	12/3/92	179580	9/25/95
	MP1391	MX	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	9101478	10/8/91	183406	8/12/97
	MP1398	MX	Optical Fiber Enclosure Including Novel Retaining Ring	92 01545	4/3/92	178142	5/25/95
	MP1404	MX	Hermaphroditic Gel Closure	9201121	3/13/92	178967	7/28/95
	MP1431	MX	Hybrid Fiber In The Loop Telephony System	931165	3/2/93	182037	7/3/96
	MP1432	MX	Low Temperature Expandable Gaskets	934732	8/4/93		
	MP1452	MX	Coaxial Cable Connection Protection System	934154	7/9/93		
	MP1476	MX	Oval Port Seal	9405601	7/22/94	185872	9/8/97

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1511	MX	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	965984	5/30/95		
	MP1514	MX	Environmental Protection Device With Manually Operated Latch Mechanism	965983	5/17/95		
	MP1540	MX	Coaxial Cable Connector				
	MP1541	MX	Locking Coaxial Cable Connector And Adaptor	974719	12/21/95		
	NC002	MX	Cable Splice Enclosures	25525	4/25/91	180322	12/6/95
	NC003	MX	Cable Seal	92-02051	4/30/92	178689	7/13/95
	NC006	MX	Gas Tube Vent-Safe Device	933919	6/29/93	182347	8/9/96
	NC008	MX	Surge Arrestor Fail Safe Thermal Overload Mechanism				
	NC010	MX	Enclosure Assembly For Telecommunication Cables	933581	6/15/93		
	NC011	MX	Telecommunications Network Interface Assembly	932753	5/11/93		
	NC012	MX	Fiber Optic Splice Closure	9307401	11/25/93	187472	12/15/97
	NC013	MX	Bonding Assembly For Fiber Optic Cable And Associated Method	9402776	4/18/94	187942	2/2/98
	NC017	MX	Fiber Optic Cable System Including Main And Drop Cables And Associated Fabrication Method	942766	4/15/94		
	NC024	MX	Splice Closure For Buried Telecommunications Cables	9704238	10/4/96		
	NC041	MX	Line Protector For A Communication Circuit	2001/013217	6/28/00		
	NC042	MX	Fiber Optic Drop Splice Closure And Related Methods	9704238			
	NC048	MX	Fiber Optic Splice Closure Including End Pivoting Slack Storage Holder With Adjustable Rear Wall And Associated Methods	2001/010664	3/29/00		
	NC066	MX	Connector Assembly for Use with Connector Plug	PA/a/2004/010489	3/13/03	257837	6/11/08
02316.2748MXWO	NT-00373	MX	Keying for MPO Systems	MX/a/2014/010431	2/28/13		
02316.3392MXWO	TO-00402	MX	Portable Device for Attaching a Connector to an Optical Fiber	MX/a/2013/009469	2/7/12		
02316.3413MXWO	TO-00509	MX	Optical Fiber Connection System Including Optical Fiber Alignment Device	MX/a/2014/009510	2/6/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3561MXWO	NT-00354	MX	Flexible Lensed Optical Interconnect Device for Signal Distribution	MX/a/2014/002952	9/7/12		
02316.3562MXWO	NT-00355	MX	Bend-Limited Flexible Optical Interconnect Device for Signal Distribution	MX/A/2014/002951	9/7/12		
02316.3597MXWO		MX	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
02316.3625MXWO		MX	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.3627MXWO		MX	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.3835MXWO	E-TO-00125	MX	Interface Module	MX/a/2009/003747	10/9/07	285648	4/13/11
02316.3845MXWO	18204	MX	Method and Apparatus for Providing Out of Band Communications Over Structured Cabling	MX/a/2007/006377	11/29/05		
02316.3847MXWO	TO-00295	MX	Electrical Connector Having An Electrically Parallel Compensation Region	MX/a/2012/002438	8/19/10	312082	8/7/13
02316.3848MXWO	TO-00274	MX	Electrical Connector With Crosstalk Compensation	MX/a/2012/002433	8/19/10	307466	2/19/13
02316.3849MXWO	TO-00272	MX	Electrical Connector with Separable Contacts	MX/a/2012/002436	8/19/10	311064	7/3/13
02316.3874XMU1	NT-00343	MX	Method and Apparatus for Mounting Rack Components on Racks	MX/a/2011/013359	12/9/11	320676	5/30/14
02316.3879MXWO	TY-00084	MX	Ferrule with Protruding Fibers	MX/a/2013/002415	8/23/11		
02316.3882MXWO	E-TO-00009	MX	Electrical Connector with Crosstalk Compensation	MX/a/2007/007523	12/16/05	272387	12/2/09
02316.3887MXWO	E-TO-00088	MX	Receptacle with Crosstalk Optimizing Contact Array	MX/a/2008/011542	3/9/07	279401	9/27/10
02316.3889MXWO	E-TO-00090	MX	Electrical Connector Having Contact Plates	MX/a/2008/013519	4/26/07	280289	10/25/10
02316.3894MXWO	E-TO-00162	MX	Module Assembly Having Interface Module and Insertable Modular Jack	MX/a/2010/001250	7/30/08	292165	11/15/11
02316.3908MXWO	E-TO-00241	MX	Terminal Block and Board Assembly for an Electrical Connector	MX/a/2012/001910	8/10/10	312086	8/7/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3915MXWO	E-TO-00205	MX	Electrical Connector With a Compliant Cable Strain Relief Element	MX/a/2010/014046	6/18/09	300121	6/11/12
02316.3982MXWO	TO-00420	MX	Cable Strain Relief Clamping Devices and Methods for Using the Same	MX/a/2013/010205	3/1/12		
02316.3986XMWO	TO-00266	MX	Fiber Optic Multi Dwelling Unit Deployment Apparatus and Methods for Using the Same	MX/a/2011/006260	12/7/09	310216	6/5/13
02316.3996MX01	NC014	MX	Telecommunications Terminal Block	9402636	4/12/94	220537	5/25/04
02316.3998MXWO	MP1492	MX	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	964718	4/6/95		
02316.3999MXD2	MP1374C	MX	Gel Filled Modular Electrical Connecting Block	2001/006019	1/18/94	233190	12/20/05
02316.3999MXW2	MP1374C	MX	Gel Filled Modular Electrical Connecting Block	940493	1/18/94	203763	8/15/01
02316.4000MXWO	NC004	MX	Telecommunications Terminal Block	9205844	10/9/92	180829	2/9/96
02316.4029MX01	NC005	MX	Fiber Optic Splice Organizer And Associated Method	933918	6/29/93	184413	4/14/97
02316.4053MXWO	E-TO-00085	MX	Fiber Optic Splice Storage Apparatus and Methods for Using the Same	MX/a/2008/005358	10/23/06	284306	3/1/11
02316.4054MXWO	E-TO-00086	MX	Optical Fiber Clips, Random Access Management Systems Including Clips and Methods for Using the Same	MX/a/2008/005357	10/23/06	284307	3/1/11
02316.4058MXWO	E-TO-00097	MX	Sealing Assemblies and Methods for Sealing an Elongate Member	MX/a/2009/009784	3/6/08	307238	2/7/13
02316.4076MXWO	TO-00255	MX	Cable Strain Relief Clamping Devices and Methods for Using the Same	MX/a/2011/002396	3/3/11		
02316.4237MX01	NC016	MX	Fiber Optic Splice Closure And Associated Methods	942767	4/15/94	188407	3/27/98
02361.4079MXWO	TO-00263	MX	Fiber Optic Connector Storage Apparatus and Methods for Using the Same	MX/a/2011/004610	10/28/09	308771	3/8/13
100.1162MX03		MX	NETWORK MANAGEMENT SYSTEMS FOR USE WITH PHYSICAL LAYER INFORMATION	MX/a/2015/008658	7/2/15		
2316.1006/01		MX	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	2001/006997	1/3/00	222,864	9/22/04
2316.1007/I1		MX	TELECOMMUNICATIONS JACK ASSEMBLY	PA/a/2001/007166	1/4/00	246413	6/13/07

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1011/I2		MX	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	PA/a/2001/008744	2/16/00	227,523	4/29/05
2316.1011/I4		MX	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	PA/a/2001/012429	5/25/00	226,624	3/10/05
2316.1403/01		MX	CABLE CLIP WITH SEGREGATOR AND METHOD	PA/a/2003/008312	3/13/02	246893	7/2/07
2316.1687/I1		MX	COUPLER FOR CABLE TROUGH	MX/a/2008/002489	2/21/08	280532	11/1/10
2316.1687/I1		MX	COUPLER FOR CABLE TROUGH	PA/a/2004/009279	3/21/03	258888	7/18/08
2316.1834/I1		MX	PATCH PANEL WITH MODULES	PA/a/2006/011211	3/2/05	261013	10/1/08
2316.1838/P2		MX	FIBER ACCESS TERMINAL	PA/a/2006/010178	3/8/05	268398	7/16/09
2316.1904/01		MX	CROSS-CONNECT SYSTEM	9406464	8/23/94	188,153	3/5/98
2316.1904/I1		MX	Cross-connect method and apparatus	977,162	3/19/96		
2316.1910/WO		MX	Communication wire	MX/a/2008/008496	6/30/08	280533	11/1/10
2316.1910/WO		MX	Communication wire	PA/a/2005/003004	9/8/03	260671	9/19/08
2316.2295/I1		MX	Frame for Optical Fiber Distribution and Management, and Associated Methods	MX/a/2008/016161	12/16/08	279583	9/29/10
2316.2295/I1		MX	FRAME FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT AND ASSOCIATE METHODS	MX/a/2010/010405	9/23/10	313204	9/11/13
2316.2295/I1		MX	SYSTEMS AND METHODS OF FIBER DISTRIBUTION AND MANAGEMENT	PA/a/2006/005455	11/17/04	263200	12/17/08
2316.2298/U1		MX	FIBER DROP TERMINAL	MX/a/2007/005303	11/2/05	277376	7/20/10
2316.2298/U1		MX	FIBER DROP TERMINAL	MX/a/2010/007901	7/19/10	303355	9/12/12
2316.2299/P2		MX	LOOPBACK PLUG AND METHOD	MX/a/2007/012996	4/19/06	283630	2/2/11
2316.2316/U3		MX	FIBER OPTIC CABLE BREAKOUT CONFIGURATION WITH "Y" BLOCK	MX/a/2008/011527	3/6/07	277003	6/30/10
2316.2336/01		MX	FIBER DISTRIBUTION HUB WITH SWING FRAME AND MODULAR TERMINATION PANELS	MX/a/2008/009531	2/7/07	283636	2/2/11
2316.2336/P1		MX	FIBER DISTRIBUTION HUB WITH OUTSIDE ACCESSIBLE GROUNDING TERMINALS	MX/a/2008/009515	2/7/07	283637	2/2/11
2316.2467/01		MX	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	MX/a/2009/005674	11/28/07	286953	5/25/11
2316.2467/01		MX	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	MX/a/2011/005386	5/20/11		
2316.2467/I1		MX	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	MX/a/2009/005672	11/28/07	281086	11/17/10
2316.2584/P1		MX	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	MX/a/2009/011976	5/6/08	314526	10/23/13
2316.2584/P2		MX	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	MX/a/2010/001388	8/5/08	291044	10/13/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2584/P2		MX	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	MX/A/2011/008251	8/4/11	293825	12/15/11
2316.2584/P2		MX	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	MX/a/2011/010756	10/12/11	306981	1/24/13
2316.2584/P2		MX	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	MX/a/2011/013526	12/14/11	300986	7/5/12
2316.2584/P4		MX	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	MX/a/2010/002555	9/4/08	291045	10/12/11
2316.3909MXWO	TO-00311	MX	A Panel Assembly For A Connectivity Management System	MX/a/2012/001029	7/20/10	316447	12/13/13
5487-136MX2	NC066	MX	Connector Assembly for Use with Connector Plug	MX/a/2007/010485	3/13/03	275524	4/28/10
P12.482 MX/10-008 MX	10-008	MX	Connecting box for glass fiber cables	MX/a/2012/010138	1/10/11		
16900		MX	NETWORK INTERFACE UNIT	981298	2/17/98	204668	10/10/01
14294		MX	CROSS CONNECT BLOCK TERMINAL	19212	1/23/90		
14305		MX	CYLINDRICAL INSULATION DISPLACING CONNECTOR	16502	6/16/89	179821	10/20/95
15415		MX	CATEGORY 5 TELECOMMUNICATION CABLE	944120	6/1/94	188101	2/24/98
15496		MX	MODULE FOR TELEPHONE LINE CONDUCTOR PAIR HAVING SINGLE PROTECTOR UNIT	943213	5/2/94	185606	8/13/97
15672		MX	AUTOMATIC TOOL FOR MICRO-CONNECTOR	945142	7/6/94	187975	2/4/98
15736		MX	ENCLOSURE WITH SEALANT FOR SPLICED COAXIAL CABLE	949380	12/5/94	189653	8/17/98
8410		MX	SOLDERLESS CONNECTOR FOR INSULATED WIRES	153490	8/30/74		
8413		MX	ELECTRICAL TERMINALS FOR FLAT TWO-CONDUCTOR LEAD IN WIRE	154187	10/4/74		
TO-00559		MX	Cable Management System including Splitter/Filter Tray	MX/a/2015/000039	7/4/13		
WR151		MX		927480	12/21/92	179995	11/3/95
WR155		MX	Silicone Rubber Seal For Box	934855	8/10/93		
WR159		MX	Uteic With Ports For In-Line Or Butt Connection	941854	3/14/94		
WR160		MX	Catv Splitter With Variable Attenuation	940307	1/6/94	193470	9/23/99
WR163		MX	Uteic With Dust Flap	945169	7/7/94		
WR164		MX	Uteic Cable Gripper With Self-Centring	940306	1/6/94		
WR166		MX	Shaped Silicone Rubber Seal For Uteic Closure	9406526	8/22/94		
WR171		MX	Catv Tap With Switch	972449	9/26/95		
WR172		MX	Catv Tap With Power Tap-Off	972450	9/26/95		
100.0414		MY	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	PI20005852	12/12/00		
100.1239		MY	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE	PI 2014003514	6/25/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
1010.8083		MY	APPARATUS AND METHOD FOR CONTROLLING THE OPERATING WAVELENGTH OF A LASER DIODE	PI20021958	5/28/02		
2316.0172		MY	OPTICAL SWITCH	8900524	4/25/89	MY104727A	5/31/94
2316.0423		MY	THYRISTOR FAIL-SAFE DEVICE	9301592	8/10/93		
2316.0691		MY	SWITCHING COAX JACK DEVICE	9801346	3/26/98	MY-116244-A	12/31/03
2316.0777		MY	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	9801347	3/26/98	MY-117125-A	5/31/04
2316.0786		MY	FIBER CONNECTOR AND ADAPTER	PI98002233	5/20/98	MY 122311-A	4/29/06
2316.1009		MY	DSX MODULE WITH REMOVABLE JACK	20001375	4/3/00		
2316.1017		MY	CABLE MANAGEMENT RACK FOR TELECOMMUNICATION CROSS-CONNECT SYSTEMS	PI 20000466	2/10/00	118659	12/31/04
2316.1051		MY	HIGH DENSITY PATCHING SYSTEM	20001600	4/14/00		
2316.1180		MY	DESIGN AND ESTIMATING TOOLS FOR THE DESIGN OF TELECOMMUNICATIONS INFRASTRUCTURE IN A STRUCTURE	PI 20010943	2/28/01		
2316.1414		MY	TELECOMMUNICATIONS CHASSIS AND MODULE (DS3 E/O IOR & System)	PI 20021904	5/23/02		
2316.1811		MY	PATCH PANEL CHASSIS	PI 20044739	11/12/04	MY-137271-A	1/30/09
2316.1816		MY	MODULE WITH INTERCHANGEABLE CARD	PI 20044712	11/10/04	MY-142881-A	1/31/11
2316.1888		MY	CABLE WITH OFFSET FILLER	PI 20044416	10/26/04	MY-138814-A	7/31/09
2316.1888		MY	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	PI 20044420	10/26/04		
2316.2519		MY	Modular Optical Wall Box Enclosure	PI 20081439	5/5/08		
2316.3395		MY	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	PI 2014702327	2/20/13		
2316.3528		MY	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES				
2316.3597		MY	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
2316.3625		MY	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
	03-002	MY	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	PI20040730	3/3/04	MY-138688-A	7/31/09
	NC029	MY	Non-Interrupt Bypass Switch For RF Circuits	PI97006379	12/29/97		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1492	MY	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	PI95000823	3/31/95		
	MP0192	MY	Heat-Recoverable Article With Self-Contained Heater	124/82	9/30/82	124/82	12/1/82
	MP0192	MY	Heat-Recoverable Article With Self-Contained Heater	224/82	10/30/82	224/82	12/1/82
	MP0219	MY	Expandable Heater With Apertured Electrodes	283/82	12/21/82	82283	12/21/82
	MP0790COM	MY	Thermoweave	PI87001554	9/4/87	101358	9/5/91
	MP0790COM	MY	Thermoweave	PI87001553	9/4/87	101357A	9/5/91
	MP0790COM	MY	Thermoweave	PI87001555	9/4/87	101103	7/16/91
	MP0736	MY	Heat-Recoverable Closure Assembly		6/1/81	88/87	1/22/87
	00-004	MY	Duplex connector for fiber clips	PI20011805	4/16/01	MY-127225-A	11/30/06
	00-008	MY	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	PI20012786	6/14/01	MY-122807-A	5/31/06
	00-009	MY	Connection module with overvoltage device	PI20012787	6/14/01	MY-128578-A	2/28/07
	00-012	MY	Assembly and method for use in terminating an optical fiber or fibers	PI20012716	6/11/01	MY-135690-A	6/30/08
	00-014	MY	Connecting element and method for making electrical contact with an electrical core without using any tools	PI20013659	8/3/01		
	01-005	MY	Strain relief device for a Plug Connector for Communications and Data technology	PI20022994	8/13/02	MY-128782-A	2/28/07
	01-007	MY	Terminal block	PI20023454	9/17/02	MY-130387-A	6/29/07
	02-001	MY	Access guard for distributor modules	PI20030597	2/21/03	MY-132678-A	10/31/07
	02-005	MY	Distribution box connection module for telecommunications and data technology	PI 20032762	7/23/03		
	02-006	MY	Patch Cord Connector	PI 20032655	7/16/03		
	02-008	MY	Method and device for coupling optical fibers	PI 20034296	11/10/03	MY-138625-A	7/31/09
	03-001	MY	Distribution frame with access for testing	PI 20040519	2/18/04		
	03-003	MY	Overvoltage protection magazine for a telecommunications device	PI20041254	4/5/04	MY-140072-A	11/30/09
	03-004	MY	Glass-fiber coupler module	PI20041253	4/5/04	MY-137384-A	1/30/09
	03-006	MY	Distribution board connection module	PI20043367	8/18/04	MY-136954-A	12/31/08
	05-005	MY	Plug connection	PI20060895	3/2/06		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	05-010	MY	Protective plug for distribution frame devices for telecommunications and data technology	PI20062779	6/13/06	MY-143105-A	3/15/11
	05-011	MY	Insulation displacement connector and equipment for telecommunications and data technology	PI20063480	7/20/06	MY-146726-A	9/14/12
	07-025	MY	Connecting strip and contact element for telecommunications and data technology	PI 20094882	5/16/08		
	11-014	MY	Surface-Mountable Enclosure	PI2014000161	7/26/12		
	80-012	MY	A tool for electrically connecting insulated wires	463/85	2/27/84	463/85	4/11/85
	80-128	MY	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	723/87	10/1/81	723/87	10/27/87
	80-129	MY	A twin contact terminal element	173/86	6/11/85	173/86	3/15/86
	80-132	MY	A self supporting terminal element	363/86	9/10/85	363/86	6/2/86
	81-008	MY			7/30/86		
	81-135	MY	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	445/86	2/22/86	445/86	7/18/86
	82-030	MY	Modular plug connector	666/86	7/11/86	666/86	10/23/86
	82-153	MY		364/86	9/10/85	364/86	6/2/86
	83-140	MY	A cable distribution head	336/87	2/7/84	336/87	11/22/87
	83-142	MY	A heat protection device for over-voltage arrester magazines	PI8700600	5/7/87	MY-100203	4/10/90
	84-147	MY	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	PI8700157	2/16/87	MY100920	5/31/91
	85-003	MY		PI 8700040	1/17/87		
	86-019	MY	Connector bank for cable wires, in particular for telephone cables	PI8700483	4/15/87	MY-100930	5/31/91
	86-064	MY	A casing, particulary a junction-box casing for telecommunications engineering	PI8700648	5/14/87	MY-100932-A	5/31/91
	86-069	MY	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	PI8703036	11/10/87	MY-102405	6/17/92
	87-077	MY	Device for holding connector banks in telecommunication systems	PI88000610	6/7/88	MY-107039-A	9/30/95
	87-166	MY	Terminal unit for cable pairs in Telecommunication systems	PI8800532	5/23/88	MY-103282	5/29/93

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	88-086	MY	Tool for connecting cable wires	PI88001311	11/18/88	MY-104843	6/30/94
	88-088	MY	Protective plug for connector or disconnector banks	PI9300526	3/10/93		
	90-006	MY	Connecting block for the telecommunication and data technology	PI9100115	1/24/91	MY-105348	9/30/94
	90-012	MY	Cutting Clamping Contact	PI91000803	5/13/91	MY-106115	3/31/95
	90-015	MY	Protective circuit and protective device plug for telecommunication installations	PI9101197	7/2/91	MY-107476-A	12/30/95
	91-014	MY	Cutting and clamping sleeve contact	PI9201510	8/20/92	MY-108316-A	9/30/96
	92-024	MY	Signal-connector with capacitive adjustment for improved crosstalk parameters	PI93001855	9/13/93	MY-109914-A	9/30/97
	92-026	MY	Method and arrangement for establishing networks of electro-optical display-field modules	PI9302611	12/7/93		
	93-020	MY	Termination module	PI9401510	6/14/94	MY-111109-A	8/30/99
	93-023	MY	Connection block for high speed transmission in the telecommunication and data system	PI94001935	7/26/94	MY-112875-A	10/31/01
	93-032	MY	Electrical Plug Connector	PI9402626	10/4/94		
	93-034	MY	Termination unit for telecommunication and data lines	PI9403184	11/29/94		
	93-040	MY	Process for reducing the tearability of a thermally shrinkable web	PI 940242			
	94-007	MY	Insulation displacement contact element	PI9403303	12/9/94		
	94-027	MY	Manufacturing process for structured metal plating on surfaces	PI9402357	9/8/94		
	94-031	MY	Protection plug	PI9501748	6/26/95		
	95-010	MY	Electrical Connector	PI9603382	8/16/96		
	95-012	MY	Distribution device for telecommunications and data technique	PI9603525	8/26/96		
	95-013	MY	Termination device for the telecommunication and data technique	PI9603942	9/24/96		
	95-016	MY	Terminal block for high transmission rates	PI9603384	8/16/96		
	95-019	MY	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	PI9603537	8/27/96		
	96-002	MY	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	PI9700396	1/31/97		
	96-011	MY	High density high performance connector	PI9702134	5/15/97		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-013	MY	Connecting terminal	PI9703959	8/27/97		
	96-018	MY	Clamping device	PI9705564	11/19/97		
	96-019	MY	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	PI9705645	11/24/97		
	96-020	MY	Terminal, isolating or connecting strip	PI97005897	12/8/97	MY118695-A	1/31/05
	97-002	MY	Outdoor housing	PI98000915	3/3/98	MY-116720-A	3/31/04
	97-003	MY	Protection Plug	PI98000757	2/23/98	MY-117952-A	8/30/04
	97-008	MY	Arrangement of contact pairs for compensation of near-end crosstalk	PI9800917	3/3/98		
	97-012	MY	Distribution block for telecommunication and data technology	PI9801025	3/9/98		
	97-013	MY	Stationary housing with wall elements made of plastic	PI9801039	3/10/98		
	97-016	MY	Overvoltage protection module	PI9802050	5/7/98		
	97-018	MY	Overvoltage protection plug with fail-safe device	PI9802047	5/7/98		
	97-032	MY	Patch Panel with retractable patch cord	PI9805948	12/30/98		
	98-001	MY	Optical fibre connector	PI9805726	12/18/98		
	98-002	MY	Support body for an electrical contact arrangement	PI9900287	1/27/99		
	98-010	MY	Electrical Connector	PI99001519	4/19/99	MY-123007-A	5/31/06
	98-013	MY	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	PI99001981	5/19/99	MY-124420-A	6/30/06
	98-022	MY	Cable manager for multi-core cable	PI9903591	8/20/99		
	98-025	MY	Shielding device for connection strips in telecommunications and data engineering	PI99004788	11/4/99	MY 126442-A	10/31/06
	99-013	MY	Interconnection device for telephone/data lines with tool less wire termination and easy disconnection for testing	PI20003335	7/21/00		
	99-015	MY	Housing for installing terminal blocks for telecommunications and data engineering	PI20004334	9/18/00	MY-129509-A	4/20/07
	99-017	MY	Connecting cable with an electrical plug connection	PI20005781	12/8/00	MY-121502-A	1/28/06
	ITRACS001	MY	A System for Monitoring Connection Pattern of Data Ports		3/30/01	128303	1/31/07
	ITRACS001	MY	A System for Monitoring Connection Pattern of Data Ports	PI20053127	3/30/01	139001	2/28/09

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0245COM	MY	Method For Form Closure Using Ht Recover Sheet Material	245/84	6/10/83	245/84	11/16/84
	MP0838COM	MY	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	PI87002675	9/30/87	102708A	9/30/92
	MP0838COM	MY	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	PI87002673	9/30/87	102953A	3/31/93
	MP1374A	MY	Alarm And Test System For A Digital Added Mail Line	PI91001498	8/19/91		
	MP1391	MY	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	PI91001818	10/3/91		
	MP1404	MY	Hermaphroditic Gel Closure	PI92000342	3/3/92	106499	6/30/95
	MP1432	MY	Low Temperature Expandable Gaskets	PI 93001539	8/5/93		
	MP1476	MY	Oval Port Seal	PI94001778	7/7/94		
	MP1493	MY	Aerial, Pedestal, Below Grade, Or Buried Optical Fiber Closure	PI95000173	1/25/95		
	MP1511	MY	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	PI95001149	5/2/95		
	MP1514	MY	Environmental Protection Device With Manually Operated Latch Mechanism	PI95001393	5/26/95		
	NC003	MY	Cable Seal	PI92000723	4/28/92		
	NC004	MY	Telecommunications Terminal Block	PI92001806	10/6/92		
	NC006	MY	Gas Tube Vent-Safe Device	PI93001244	6/25/93		
	NC008	MY	Surge Arrestor Fail Safe Thermal Overload Mechanism	PI93001243	6/25/93		
	NC009	MY	Connector Ground Clip	PI94002872	10/28/94		
	NC011	MY	Telecommunications Network Interface Assembly	PI93000860	5/11/93		
	NC016	MY	Fiber Optic Splice Closure And Associated Methods	PI94000934	4/18/94		
	NC019	MY	Telecommunications Terminal	PI95000138	1/20/95		
	NC025	MY	Protected Telecommunications Terminal	PI95002199	7/31/95		
	NC027	MY	Button Protection Device	PI96001004	3/19/96		
	NC042	MY	Fiber Optic Drop Splice Closure And Related Methods	PI99002081	5/26/99		
	NC071	MY	Toggle Type Telecommunications Terminal Blocks	PI20041592	4/29/04	MY-136762-A	11/28/08

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3597MYWO		MY	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
02316.3625MYWO		MY	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.3996MY01	NC014	MY	Telecommunications Terminal Block	PI94000878	4/12/94	MY-110961-A	7/31/99
02316.3999MYI2	MP1374C	MY	Gel Filled Modular Electrical Connecting Block	PI94000124	1/18/94	110174-A	2/28/98
02316.4026MY01	NC012	MY	Fiber Optic Splice Closure	PI93002453	11/24/93		
02316.4029MY01	NC005	MY	Fiber Optic Splice Organizer And Associated Method	PI93001222	6/25/93	MY-110083-A	12/31/97
100.0070/01		MY	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	PI 97000267	1/24/97		
1764.P001-IB/MY/div1	ITRACS001	MY	A System for Monitoring Connection Pattern of Data Ports	PI20053128	3/30/01	MY-142056-A	8/30/10
2316.1411/I1		MY	TELECOMMUNICATIONS CHASSIS AND CARD WITH FLAME SPREAD CONTAINMENT- (T1 High Density IOR)	PI 20021170	4/1/02		
2316.1411/I2		MY	TELECOMMUNICATIONS CHASSIS AND CARD WITH FLAME SPREAD CONTAINMENT- (T1 High Density BOR)	PI 20021578	4/30/02		
2316.1910/01		MY	Communication wire	PI 20033617	9/23/03		
5487-81	NC056	MY	Terminal Blocks And Methods For Making And Breaking Connections In A Telecommunications Conductor	PI20013411	7/18/01		
15618		MY	ELECTRICAL CONNECTOR WITH SLOTTED BEAM CONTACT	PI95000120	1/18/95	112890	10/31/01
15672		MY	AUTOMATIC TOOL FOR MICRO-CONNECTOR	PI94002134	8/15/94		
15700		MY	NETWORK INTERFACE DEVICE MODULE PROVIDING SEALED CUSTOMER ACCESSIBLE TEST PORT	PI9500556	3/6/95		
15780		MY	CAPTIVATED FIBER OPTIC CONNECTOR	9500319	2/10/95	MY111676-A	10/31/00
16007		MY	CROSS CONNECTION MODULE PROVIDING FOR UNINTERRUPTED TRANSMISSION DURING SERVICING	PI9502701	9/12/95		
40057		MY	SHIELDED DATA CONNECTOR	PI9300245	2/15/93	113262	1/31/02
4935		MY	MODULAR TELEPHONE PLUG	8313136	5/12/83	88/54	6/5/85
51082		MY	OPTICAL FIBER RECEIVING CASE, CASE RECEIVING BODY AND RECEIVING CASE ASSEMBLY	PI9800892	2/28/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR155		MY	Silicone Rubber Seal For Box	PI93001538	8/4/93		
WR159		MY	Uteic With Ports For In-Line Or Butt Connection	PI94000581	3/11/94		
WR163		MY	Uteic With Dust Flap	PI94001748	7/5/94		
WR165		MY	Catv Box For In-Line/Butt Connection	PI94002231	8/25/94		
WR166		MY	Shaped Silicone Rubber Seal For Uteic Closure	PI94002232	8/25/94		
	MP0736	MYSB	Heat-Recoverable Closure Assembly	203/87	6/19/87	203/87	6/19/87
	MP0736	MYSB	Heat-Recoverable Closure Assembly				
2316.3395		NG	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	NGPTC2014404	2/20/13		
	85-003	NG		119/86	6/18/86		
	87-077	NG	Device for holding connector banks in telecommunication systems	180/88	8/18/88		
	88-088	NG	Protective plug for connector or disconnector banks	92/89	4/10/89	RP.10978	8/1/95
	88-095	NG	Contact member of electrical conductors	145/89	6/7/89	RP 12127	6/19/95
	89-010	NG	Wire connector for cable wires, in particular of telecommunication cables	194/90	11/6/90	10961	4/26/93
	90-006	NG	Connecting block for the telecommunication and data technology	42/91	2/20/91	11,898	6/8/94
	90-012	NG	Cutting Clamping Contact	BE/2313/9	2/20/91	RP.12134	7/26/95
	90-015	NG	Protective circuit and protective device plug for telecommunication installations	167/91	8/13/91		
	91-014	NG	Cutting and clamping sleeve contact	210/92	8/26/92	RP.11,495	7/28/94
	95-016	NG	Terminal block for high transmission rates	199/96	9/16/96		
	96-002	NG	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	71/97	3/4/97		
	96-020	NG	Terminal, isolating or connecting strip	364/97	12/8/97		
	MP0766	NG	Fiber Optic Splicing	176/82	4/7/82	5396	7/19/83
	MP1064	NG	Optical Fiber Distribution Network	122/86	7/11/86	10111	4/22/88
02316.3413NGWO	TO-00509	NG	Optical Fiber Connection System Including Optical Fiber Alignment Device	NG/PT/C/2014/370	2/6/13		
TO-00559		NG	Cable Management System including Splitter/Filter Tray	NG/PT/C/2015/830	7/4/13		
	99-013	NI	Interconnection device for telephone/data lines with tool less wire termination and easy disconnection for testing	2000/0059	7/5/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	99-016	NI	STC-Module	2000/0112	11/14/00		
100.0051		NL	PERFORMANCE MONITORING AND FAILURE ISOLATION IN A POINT-TO-MULTIPOINT COMMUNICATION NETWORK	94902250.3	11/15/93	0 702 870	9/1/99
100.0057		NL	CONTROL AND COMMUNICATIONS APPARATUS	94930586.6	10/4/94	0 722 638	12/18/02
100.0058		NL	HYBRID FIBER/COAX VIDEO AND TELEPHONY COMMUNICATION SYSTEM	95933845.0	9/19/95		
100.0922		NL	Method and system for distributing multiband wireless communications signals	02394013.3	1/24/02	1227605	1/2/08
100.0937		NL	Distribution of radio-frequency signals through low bandwidth infrastructures	97922450.8	4/18/97	0 894 369	2/18/04
100.0968		NL	Self-contained masthead units for cellular communication networks	98953787.3	10/21/98	1 025 615	7/3/02
100.0972		NL	Cellular base station with intelligent call routing	96913256.2	4/29/96	0 824 836	7/11/01
100.1157		NL	Photon Detector and Method of Manufacturing	970924964	5/21/97	0901613	1/23/02
2316.0019		NL	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSING	85850253.7	8/1/85	0 197 234	2/27/91
2316.0024		NL	ELECTRICAL JACK	85850121.6	4/4/85		
2316.0038		NL	ELECTRICAL JACK FRAME	81101655.9	3/6/81	0 035 776	7/24/85
2316.0041		NL	ELECTRICAL CONNECTOR APPARATUS	85850356.8	11/5/85	0 181 306	2/17/93
2316.0056		NL	ELECTRICAL CONNECTOR APPARATUS	85850355.0	11/5/85	0 181 305	2/27/91
2316.0095		NL	JACK DEVICE	86309708.5	12/12/86	0 230 746	2/22/95
2316.0113		NL	TERMINAL ASSEMBLY	87101289.4	1/30/87	0 233 527	11/13/91
2316.0172		NL	OPTICAL SWITCH	8901063	4/27/89		
2316.0372		NL	MINIATURE COAX JACK MODULE	92915879.8	7/14/92	0 634 061	6/4/97
2316.0372		NL	MINIATURE COAX JACK MODULE	96202654.8	7/14/92	0 755 095	11/2/00
2316.0488		NL	HIGH-DENSITY FIBER DISTRIBUTION FRAME	95903533.8	11/16/94	0 740 803	1/27/99
2316.0488		NL	HIGH-DENSITY FIBER DISTRIBUTION FRAME	98112420.9	11/16/94	0 871 047	4/16/03
2316.0691		NL	SWITCHING COAX JACK DEVICE	98913075.2	3/23/98	0 972 320	6/12/02
2316.0753		NL	DSX MODULE WITH REMOVABLE JACK	98908667.3	2/23/98		
2316.1250		NL	CABLE EXIT TROUGH WITH INSERT	01977447.0	10/4/01	1356321	4/4/07

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1289		NL	LOW PROFILE CABLE EXIT TROUGH	01987552.5	10/29/01	1372991	4/26/06
2316.1637		NL	TRIAXIAL CONNECTOR ADAPTER AND METHOD	03731947.2	1/16/03	1472762	3/18/09
2316.1863		NL	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	05771738.1	6/13/05	1766452	8/4/10
2316.1912		NL	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	08008856.0	5/14/08	1962519	9/29/10
2316.1912		NL	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	05 826 135.5	11/2/05	1808028	5/14/08
2316.2138		NL	OPTICAL FIBER PATCH PANEL	89306553.2	6/27/89	0 349 290	8/11/93
2316.2306		NL	HIGH DENSITY COAXIAL JACK	07755657.9	4/19/07	2011191	9/28/11
2316.2473		NL	FIBER OPTIC CONNECTOR MECHANICAL INTERFACE CONVERTER	08713473.0	1/3/08	2106562	3/11/15
	99-017	NL	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	00-004	NL	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-009	NL	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-018	NL	Plastic patch panel	01985780.4	9/24/01	1322981	7/14/04
	03-009	NL	Wall outlet box	04765904.0	10/8/04	1678797	4/14/10
	03-010	NL	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	05-013	NL	Mounting apparatus for line and plug-in connecting elements	06762987.3	8/4/06	1915876	10/3/12
	07-004	NL	Terminal block	07856677.5	12/13/07	2127029	4/23/14
	09-011	NL	Terminal strip	10712336.6	3/26/10	2441128	3/12/14
	00-015	NL	Electrical Connector	01956564.7-2217	7/26/01	1312137	5/25/05
	00-019	NL	Optical Fibre Connection Housing	01982343.4-1524	9/24/01	1329011	8/31/05
	01-004	NL	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	01-005	NL	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	02-005	NL	Distribution box connection module for telecommunications and data technology	03792214.3-2214	7/18/03	1527503	5/14/14
	04-007	NL	Housing	04790911.4-2207	10/27/04	1678798	3/3/10
	07-010	NL	Sleeve for optical waveguide cables	08715782.2-1524	2/15/08	2132589	8/3/11
	MP1492	NL	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	95916228.0	4/6/95	0755618	6/21/00

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0192	NL	Heat-Recoverable Article With Self-Contained Heater	7511393	9/26/75	188723	8/4/92
	MP0192	NL	Heat-Recoverable Article With Self-Contained Heater	9101024	9/26/75		
	MP0736	NL	Heat-Recoverable Closure Assembly	81302412.2	6/1/81	0041388	4/17/85
	MP0761	NL	Wraparound Protective Closure And Method Of Use	83300472.4	1/28/83		
	MP0790COM	NL	Thermoweave	84300059.7	1/5/84	0430377	10/9/96
	MP0790COM	NL	Thermoweave	84300059.7	1/5/84	0243985	7/4/90
	MP0790COM	NL	Thermoweave	84300059.7	1/5/84	0116393	7/19/89
	MP0790COM	NL	Thermoweave	84300059.7	1/5/84	0270132	3/25/92
	MP0810	NL	Flame Coloring Device	83300904.6	2/22/83	0087313	5/28/86
	MP0859	NL	Electrical Devices Comprising PTC Elements	84307984.9	11/16/84		
	MP0867	NL	Laminar Electrical Heaters	84303152.7	5/10/84	0128664	8/24/88
	MP0872	NL	Heat Shrinkable Article	84306290.2	9/14/84		
	MP1086	NL	Devices Comprising PTC Conductive Polymers	86307651.9	10/3/86		
	MP1224	NL	Laminar Sheet Heater	89900770.2	12/8/88		
	MP0735	NL	Wraparound Heat-Recoverable Sleeves	81302413.0	6/1/81	0041389	4/17/85
	00-001	NL	Shielding device for terminal blocks	00126936.4	12/8/00	1117158	2/13/08
	00-002	NL	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-007	NL	Electrical connector with spaced contact portions	01940348.4-1231	4/25/01		
	00-008	NL	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01		
	00-012	NL	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-013	NL	Connection module	01117086.7	7/13/01		
	00-017	NL	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05
	02-003	NL	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	02-004	NL	Device for an optical-fiber connection	03727357.0-1234	4/25/03	1502142	6/28/06
	03-001	NL	Distribution frame with access for testing	04712500.0-2414	2/19/04	1602225	10/17/07

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	03-003	NL	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-004	NL	Glass-fiber coupler module	04723539.5	3/26/04	1613993	12/5/07
	03-005	NL	Conductor connection module for printed circuit boards	04740236.7-2214	6/24/04	1649549	11/2/06
	03-006	NL	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-013	NL	Construction kit for distribution cabinets	04006018.8	3/12/04	1458073	1/3/07
	04-012	NL	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	NL	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	NL	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	NL	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	11-004	NL	Magazine	2008602	4/5/12		
	74-007	NL		7506799	6/9/75	179101	7/14/86
	75-118	NL		7605241	5/17/76	180469	1/17/87
	77-002	NL		7802094	2/24/78	184816	6/1/89
	77-122	NL	LSA-Plus Module	7805902	5/31/78	170350	10/29/82
	78-123	NL	Connection module	7900436	1/19/79	170071	9/29/82
	78-124	NL		7901360	2/21/79	174414	5/3/84
	78-125	NL		7902055	3/15/79	170477	11/12/82
	78-126	NL		7902979	4/17/79	188375	5/7/92
	80-012	NL	A tool for electrically connecting insulated wires	81102206.0	3/24/81	0040307	8/14/85
	80-128	NL	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	8100760	2/17/81	182851	5/27/88
	80-129	NL	A twin contact terminal element	81102012.2	3/18/81	0041596	7/16/86
	80-130	NL	Universal connector for a solderless, screwless and stripless system for testing, connecting and isolating conductor tracks	81103884.3	5/20/81	0044387	2/6/85
	80-131	NL	A connector device for testing a cable wire relative to all other cable wires within a contact element	81103883.5	5/20/81	0044913	2/1/84
	80-132	NL	A self supporting terminal element	81101181.6	2/19/81	0053219	6/13/84

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	81-135	NL	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	82108047.0	9/1/82	0075150	1/7/87
	82-030	NL	Modular plug connector	82111212.5	12/3/82	0084632	3/26/86
	83-140	NL	A cable distribution head	8304281	12/13/83	193129	11/3/98
	83-142	NL	A heat protection device for over-voltage arrester magazines	84106412.4	6/5/84	0130403	5/18/88
	84-016	NL	Multipolar plug	85730151.9	11/8/85	0189730	12/27/89
	84-147	NL	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	84107396.8	6/27/84	0165335	9/16/87
	85-003	NL		86730087.3	5/22/86	0210945	
	86-019	NL	Connector bank for cable wires, in particular for telephone cables	87730032.7	4/3/87	0244347	8/21/91
	86-064	NL	A casing, particulary a junction-box casing for telecommunications engineering	87730050.9	5/8/87	0253756	11/18/93
	86-066	NL	Cutting/clamping terminal element for electrical conductors	87730118.4	9/30/87	0270479	8/12/92
	86-068	NL		87730118.4	9/30/87	0270479	5/6/92
	86-069	NL	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	87730134	8/5/93	0270480	
	86-069	NL	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	93112523.1	10/27/87		
	86-156	NL		87730030.1	3/21/87	0243296	12/27/90
	87-003	NL		88730042.4	2/24/88		
	87-075	NL	Connector bank for telecommunication devices	88730118.2	5/17/88	0302814	2/16/94
	87-077	NL	Device for holding connector banks in telecommunication systems	88730116.6	5/13/88	0304393	1/12/94
	87-078	NL	Connection device for telecommunications	88112582.7	8/3/88	0308635	11/11/92
	87-166	NL	Terminal unit for cable pairs in Telecommunication systems	88730114.1	5/11/88	0296095	3/24/93
	88-006	NL		88730074.7	3/24/88	0288418	7/22/92
	88-086	NL	Tool for connecting cable wires	88730250.3	11/12/88	0329917	11/19/92
	88-087	NL		88117463.5	10/20/88	0328738	

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	88-088	NL	Protective plug for connector or disconnector banks	89100535.7	1/13/89	0338187	12/29/93
	88-091	NL	Receiving pre-amplifier for an optical telecommunication line	89730043.0	2/22/89	0344091	11/3/93
	88-092	NL		88113259.1	8/13/88	0312729	
	88-095	NL	Contact member of electrical conductors	89730120.6	5/11/89	0360727	10/12/94
	88-097	NL	Connection device for switchung or disconnection line paths in telephone exchanges	89115536.8	8/23/89	0365780	4/26/95
	88-098	NL	Plug connector for telecommunication and data systems	89730204.8	8/23/89	0373096	9/8/93
	88-100	NL	Electro-optical planar display, in particular an LCD display panel	89730208.9	10/14/89	0374085	9/15/93
	88-159	NL	Connecting element for optical waveguides	88112078.6	7/27/88	0309677	12/15/93
	89-005	NL	Protection plug for connector banks of telecommunication and data systems	90101057.9	1/19/90	0388585	12/21/94
	89-006	NL	Connector banks with voltage surge protection	90250072.7	3/16/90	0399628	6/7/95
	89-008	NL		90111280.5	6/15/90		
	89-010	NL	Wire connector for cable wires, in particular of telecommunication cables	90115668.7	8/16/90	0428832	1/12/94
	89-101	NL	Plug connector	90250004.0	1/4/90		
	89-102	NL	Shield connecting element for a connector bank	90250003.2	1/4/90	03823322	10/6/93
	89-192	NL	Electrical Connector	90122815.5	11/29/90	0445376	4/19/95
	90-002	NL	Voltage limiter	90122922.9	11/30/90	0440905	8/30/95
	90-006	NL	Connecting block for the telecommunication and data technology	91100348.1	1/12/91	0446572	1/11/95
	90-008	NL		91102642.5	2/22/91	0447834	
	90-009	NL	Device for displaying announcements, in particular prices in numerical form	91103873.5	3/14/91	0451528	9/8/93
	90-011	NL	Terminal block for telecommunications systems	91103990.7	3/15/91	0456987	5/6/93
	90-012	NL	Cutting Clamping Contact	91106635.5	4/25/91	0459144	5/24/95
	90-015	NL	Protective circuit and protective device plug for telecommunication installations	91110018.8	6/19/91	0471167	5/25/94
	90-021	NL		91115168.6	9/7/91	0484654	12/5/91
	91-001	NL		91119994.1	11/23/91		
	91-010	NL		92108267.3	5/15/92		
	91-011	NL	Insulation displacement contact terminal	92111624.0	7/9/92	0525457	3/6/96

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	91-013	NL	Terminal bank for the telecommunication and data technology	92111854.3	9/9/92	0529267	6/16/99
	91-014	NL	Cutting and clamping sleeve contact	9211972.3	7/14/92	0531664	1/31/96
	91-022	NL	Switching assembly for glass fibre cables of the telecommunication and data technology	92113177.7	8/3/92	0536496	2/11/98
	91-029	NL		92109367.0	6/3/92	0528125	9/7/94
	92-006	NL	Cutting and clamping Terminal Element	93101539.0	2/2/93	0558937	1/3/96
	92-009	NL			2/24/93		
	92-014	NL	Split flap display device	93110150.5	6/25/93	0583577	1/3/96
	92-015	NL	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	93112697.3	8/7/93		
	92-019	NL	Method for elctronically labelling articel	93250311.3	11/10/93		
	92-021	NL		93115054.4	9/18/93	0601290	6/4/97
	92-022	NL	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	93114996.7	9/17/93	0601289	11/27/96
	92-024	NL	Signal-connector with capacitive adjustment for improved crosstalk parameters	93113952.1	9/1/93	0598192	1/8/97
	92-025	NL	Method and arrangement for optically representing information	93114019.8	9/2/93		
	92-026	NL	Method and arrangement for establishing networks of electro-optical display-field modules	93116523.7	10/13/93		
	93-005	NL	Closing device for the door of a casing	9302174	12/13/93	194244	10/2/01
	93-006	NL		931119488.0	12/3/93		
	93-008	NL	Termination device for the communication and data technique	93119249.6	11/30/93		
	93-009	NL	Distribution device, in particular for the main distribution device of telephone and data lines	93119583.8	12/4/93	0618741	3/18/98
	93-015	NL	Cable branching device	94103854.9	3/14/94	0623832	5/27/98
	93-017	NL	Method for monitoring the filing levels of material of value collection containers	94105657.4	4/13/94		
	93-023	NL	Connection block for high speed transmission in the telecommunication and data system	94108404.8	6/1/94	0637097	9/2/98
	93-028	NL	Clamping Terminal unit	94112249.1	8/5/94	0643454	1/14/98

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	93-030	NL	Terminal block	94113179.3	8/24/94	0645841	11/11/98
	93-032	NL	Electrical Plug Connector	94114414.9	9/14/94		
	93-033	NL		94114068.3	9/8/94		
	93-034	NL	Termination unit for telecommunication and data lines	94116632.4	10/21/94		
	93-036	NL	Coupling device between a glass fibre and a dielectric waveguide	94117310.6	11/3/94		
	94-003	NL	Digital electronic Loop Crossconnect & Carrier System	94117980.6	11/25/94		
	94-005	NL	Separation spark gap for limiting the maximum voltage on a surge arrester	94118945.8	12/1/94	0665619	3/5/97
	94-006	NL	Winding cartridge	94108836.1	6/9/94		
	94-007	NL	Insulation displacement contact element	94117060.7	10/28/94	0665614	4/19/00
	94-009	NL		94119809.5	12/15/94	0667650	9/9/98
	94-012	NL	Obliquely disposed insulation displacement contact	95100738.4-2214	1/20/95	0675564	9/30/98
	94-015	NL	Housing for optical components	95102617.8	2/24/95	0679917	1/19/00
	94-018	NL	Automatic distribution device for telecommunication and data lines	95106047.4	4/22/95		
	94-019	NL	Distribution apparatus, particularly for the main distributor of telecommunications or data lines	95107287.5	5/13/95	0689365	1/24/01
	94-021	NL	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95105067.3	4/5/95	0690539	7/7/99
	94-022	NL	Electrical Plug Connector	95106785.9	5/5/95	0693801	8/26/98
	94-025	NL	Printed Circuit Board for Connectors	95108378.1	6/1/95	0697804	2/9/00
	94-026	NL	Flip-over Display Module	95109294.9	6/16/95		
	94-027	NL	Manufacturing process for structured metal plating on surfaces	94113917.2	9/6/94	0643153	6/19/96
	94-031	NL	Protection plug	95109298.0	6/16/95	0706194	9/3/97
	94-032	NL	Terminal element	95109771.6	6/23/95	0706234	11/24/99
	94-035	NL	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	95111172.3	7/15/95		
	94-036	NL	Cable protection element	95106431.0	4/28/95		
	94-037	NL	19"Racking system	95106430.2-2207	4/28/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	95-006	NL	Electrical Connectors	96105422.8	4/4/96		
	95-009	NL	Switching field	96112250.4-2302	7/30/96	0758792	10/17/01
	95-010	NL	Electrical Connector	96112491.4	8/2/96		
	95-012	NL	Distribution device for telecommunications and data technique	96113135.6	8/16/96		
	95-013	NL	Termination device for the telecommunication and data technique	96114423.5-2209	9/10/96		
	95-016	NL	Terminal block for high transmission rates	96111904.7-2308	7/24/96	0766352	11/29/00
	95-017	NL	Connecting device for telecommunication and data technique	96110940.2-2308	7/6/96		
	95-019	NL	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96113454.1-2209	8/22/96		
	95-020	NL	Automatic re-arrangement and distribution device for telecommunication and data lines	96115100.8	9/29/96		
	95-022	NL	Main distribution frame MDF	96920705.9	6/26/96		
	96-001	NL	Electronic access control and security system	97101244.8	1/28/97		
	96-002	NL	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97101240.6	1/28/97	0797379	9/18/02
	96-005	NL	Management-capable splice cassette	97101253.9	1/28/97		
	96-006	NL	Earthing module	97104914.3-2308	3/22/97		
	96-007	NL	Termination tool	97104913.5-2308	3/22/97		
	96-011	NL	High density high performance connector	97108131.0	5/20/97		
	96-013	NL	Connecting terminal	97111592.8	7/9/97	0837525	11/8/00
	96-018	NL	Clamping device	97118901.4	10/30/97	0844694	3/1/00
	96-019	NL	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-020	NL	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	96-021	NL	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	97118903.0	10/30/97	0849850	7/11/01
	97-002	NL	Outdoor housing	98102656.0	2/17/98	0863593	8/29/01
	97-003	NL	Protection Plug	98102655.2	2/17/98	0862197	6/9/99

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	97-008	NL	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-011	NL	Cable fastening	98102653.7	2/17/98		
	97-012	NL	Distribution block for telecommunication and data technology	98103424.2	2/27/98		
	97-013	NL	Stationary housing with wall elements made of plastic	98103423.4	2/27/98		
	97-016	NL	Overvoltage protection module	98107492.5	4/24/98		
	97-017	NL	Safety Plug (Terminator)	98107586.4	4/25/98		
	97-018	NL	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-019	NL	Interface module	98107578.1	4/25/98		
	97-022	NL		98114148.4	7/29/98		
	97-023	NL	Method for designing a telecommunications and data network	98948732.7	8/6/98		
	97-025	NL	Casing	98117540.9	9/16/98	0910146	5/25/05
	97-028	NL	Apparatus for connecting cable cores	98119013.5	10/8/98		
	97-030	NL	High Frequency Cable	98964444.8	11/27/98		
	97-031	NL	Electrical power outlet with IDC connections	98121647.6	11/12/98	0921611	6/4/03
	97-032	NL	Patch Panel with retractable patch cord	98123266.3	12/7/98		
	98-001	NL	Optical fibre connector	98960871.6	12/8/98		
	98-002	NL	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-004	NL	Casing	99101294.9	1/25/99	0938163	4/27/05
	98-005	NL	Clamping element for cable shielding	99104341.5	3/4/99	0944132	12/20/00
	98-010	NL	Electrical Connector	99107064.0	4/10/99	0952635	8/24/05
	98-013	NL	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	NL	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-023	NL	Electrical Connector	99112489.2	7/1/99		
	98-024	NL	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	98-025	NL	Shielding device for connection strips in telecommunications and data engineering	99952571.0	10/14/99		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	99-001	NL	Connection element for cable conductor	99121852.0	11/4/99	1018786	9/19/01
	99-002	NL	Surge arrester mounting unit for telecommunications and data systems equipment	99121037.8	10/21/99		
	99-004	NL	Overvoltage protection element	99125286.7	12/18/99		
	99-006	NL	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07
	99-007	NL	Connector element with closure device	00916921.0	3/10/00		
	99-009	NL	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-010	NL	Traction relief device for a wire	00110099.9	5/13/00		
	99-014	NL	Frontpanel for LWL-modules	00115726.2-2205	7/21/00		
	99-018	NL	Electrical Connector	00124720.4	11/13/00		
	99-019	NL	Distribution cabinet	99121185.5	10/22/99	1047167	9/17/03
	ITRACS001	NL	A System for Monitoring Connection Pattern of Data Ports	00919250	4/5/00	1173811	9/13/06
	ITRACS001	NL	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
	ITRACS001	NL	Data Cable for Monitoring Connection Pattern of Data Ports	06019065.9	4/5/00	1758028	3/17/10
	ITRACS001	NL	A System for Monitoring Connection Pattern of Data Ports	10156685.9	4/5/00	2228728	9/26/12
	MP0122	NL	Wraparound Closure Sleeve	7110894	8/6/71		
	MP0718COM	NL	Corrugated Ht Rec. Tape & Flexible Collar Tee	81302605.1	6/11/81	0042262	6/5/85
	MP0757	NL	Air Vent Assembly	82300555.8	2/3/82		
	MP0766	NL	Fiber Optic Splicing	82.01741	4/27/82		
	MP0781COM	NL	Flat Sheet Closure & Method	82304743.6	9/9/82		
	MP0798COM	NL	Fiber Optic Organizer	83300177.9	1/13/83		
	MP0799COM	NL	Paddlecard Terminator	82306555.2	12/8/82	0081389	9/3/86
	MP0838COM	NL	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	83306140.1	10/11/83	0108518	1/18/89
	MP0839COM	NL	Optical Fiber Tap	83903730.6	10/24/83	0125282	8/26/92
	MP0849	NL	Optical Fiber Adhesive Joint Tube - Release Agent	84300771.7	2/7/84	0121988	4/20/88
	MP0850	NL	Optical Fiber Adhesive Joint Tube - Hourglass Shape	84300770.9	2/7/84		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0855	NL	A Mechanical Coupling Assembly And Method Of Using Same	84901659.7	3/29/84	0138986	12/27/90
	MP0871A	NL	Protective Article	86302209.1	3/25/86	0196219	7/22/92
	MP0874	NL	Tube Storage And Delivery Device	84306793.5	10/5/84	0145153	11/5/86
	MP0889	NL	Method And Apparatus For Determining Attenuation Across Optical Fiber Splice	84307314.9	10/24/84		
	MP0899	NL	Light Launch Detection & Splicing Devices For Loose Tube Buffered Optical Fiber	85300528.8	1/25/85		
	MP0900	NL	Wraparound Article	84308644.8	12/12/84	0147130	8/7/91
	MP0995COM	NL	Optical Fiber Termination	85308204.8	11/12/85		
	MP0997	NL	Center Conductor Closure	85308790.6	12/3/85		
	MP1018	NL	Splice Case	86300045.1	1/6/86	0189240	3/28/90
	MP1019	NL	Liner For Making Pressurized Splice Closure	86300833.0	2/6/86	0194040	5/16/90
	MP1027	NL	Closure Including Gel-Filled End Seals	86300835.5	2/6/86		
	MP1045	NL	Drop Wire Branch Article	86301678.8	3/10/86		
	MP1077	NL	Determining Splice Attenuation	86305112.4	7/1/86		
	MP1078	NL	Corrosion Protection Apparatus	86306401.0	8/19/86	0213874	11/19/92
	MP1085	NL	Compression Pressure Indicator	86307415.9	9/26/86		
	MP1092	NL	Optical Fiber Contact And Connector	86309060.1	11/19/86	0223609	2/16/94
	MP1093	NL	Optical Fiber Connector	86309059.3	11/19/86		
	MP1097	NL	Apparatus For Relieving A Load Across A Cable Repair Region	86308773.0	11/11/86		
	MP1111	NL	Insulation Displacement Connector For High Axial Strength	87304130.5	5/8/87		
	MP1112	NL	Universal End Plate-Gel Seal	87301044.1	2/5/87		
	MP1125	NL	Optical Fiber Termination Using An Elastic Convex Dam	87304031.5	5/6/87		
	MP1129	NL	Splice Closure System	87903804.0	5/29/87		
	MP1140COM	NL	Strained Distributed Optical Fiber Communication System	87307394.4	8/21/87		
	MP1155	NL	Coaxial Connector Moisture Seal	87309383.5	10/23/87		
	MP1177	NL	Optical Fiber Tap Utilizing Reflector	88301189.2	2/12/88		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1184	NL	Alignment And Location Sleeve For Fiber Optic Contacts	88904743.7	3/21/88		
	MP1206COM	NL	Terminal Block	88306146.7	7/6/88	0298713	2/9/94
	MP1210	NL	Annealing Bent Optical Fiber	88306933.8	7/27/88		
	MP1223	NL	Rotary Closure And Grommet	89901178.7	12/8/88		
	MP1238	NL	Telephone Junction Box And Switch Therefor	89902881.5	2/8/89		
	MP1239COM	NL	Telecommunication Terminal Block Or Adapter	89903328.6	3/4/89		
	MP1240	NL	Telecommunications Terminal Block	89902605.8	2/17/89	0402374	1/25/95
	MP1243	NL	Cable Sealing Apparatus	89904715.3	4/4/89		
	MP1254	NL	Optical Fiber Jaw Connector	89905535.4	4/4/89		
	MP1258	NL	Splice Case	89905534.7	4/26/89	0414756	7/27/94
	MP1260	NL	Optical Fiber Termination Coating Dispenser				
	MP1275	NL	Rotary Connection Strain Relief On Terminal Block	89911333.6	9/19/89		
	MP1293	NL	E-Z-On Connectors	90909963.2	6/8/90	0476056	9/6/95
	MP1345COM	NL	Binding Post For Wide Tolerance Caps	90915250.6	9/21/90		
	MP1351	NL	Cable Television Connection System	90312384.2	11/13/90		
	MP1374A	NL	Alarm And Test System For A Digital Added Mail Line	91914225.7	8/1/91		
	MP1374A	NL	Alarm And Test System For A Digital Added Mail Line	95201384.5	8/1/91	0682435	1/13/99
	MP1374A	NL	Alarm And Test System For A Digital Added Mail Line	97200093.9	8/1/91	0771052	10/14/98
	MP1374C	NL	Gel Filled Modular Electrical Connecting Block	94906610.4	1/12/94	0680666	6/9/99
	MP1391	NL	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	91918523.1	10/3/91		
	MP1403	NL	Ez Twist Consumer Type Connectors	92908712.0	3/20/92		
	MP1404	NL	Hermaphroditic Gel Closure	92908708.8	3/13/92		
	NC004	NL	Telecommunications Terminal Block	92922043.2	10/5/92	0685119	1/20/99
	NC012	NL	Fiber Optic Splice Closure	94902329.5	11/20/93	0671021	2/13/02
	NC022	NL	Improved Idc Having Wire Slippage Control	97937300.8	8/14/97	0919073	10/31/01

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC044	NL	Fiber Optic Splice Closure Including Side Pivoting Slack Storage Holder And Associated Methods	99971929.7	11/12/99	1137962	1/14/04
	NC047	NL	Bulbous Configured Fiber Optic Splice Closure And Associated Method	00935820.1	3/29/00	1175634	2/19/03
2316.1011/I2		NL	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	00939275.4	2/16/00	1 166 161	11/26/03
2316.1011/I4		NL	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	00964881.7	5/25/00	1185897	12/13/06
5487.225.WO	E-TO-00027	NL	Optical Fiber Repair Apparatus with Adjustable Guide Member and Methods for Using the Same	06740128.1	3/30/06	1872164	5/5/10
TYCEO/P32112EP	NC059	NL	Low Profile Optical Fibre Network Interface Enclosure	01204160.4	10/30/01	1203974	2/1/06
40484		NL	TWISTED PAIR CABLE AND CONNECTOR ASSEMBLY	97102403.9	2/14/97	793305	9/11/02
40758		NL	CONNECTOR CABLING TERMIINATOR	99100687.5	1/15/99	1020964	10/12/05
17153		NL	MULTI CHANNEL FIBER OPTIC CONNECTOR WITH SINGLE ATTACHED LATCH	99917616.7	4/16/99	1073923	11/3/04
61015		NL	RF MODEM WITH IMPROVED BINARY TRANSVERSAL FILTER	87309417.1	10/26/87	269253	5/6/92
61021		NL	PACKET NETWORK TIMING ANALYZER	89312929.6	12/11/89	375243	8/24/94
13621		NL	LOCAL AREA NETWORK INTERFACE	87904196.0	6/11/87	274487	1/11/95
13621		NL	LOCAL AREA NETWORK INTERFACE	94201482.0	6/11/87	614249	11/20/96
13621		NL	LOCAL AREA NETWORK INTERFACE	94201481.2	5/25/94	614248	11/20/96
14000		NL	LAN COMMUNICATION SYSTEM AND MEDIUM ADAPTER FOR USE THEREWITH-Communication	88903570.5	3/21/88	307461	7/14/93
14035		NL	MODULAR PLUG COUPLER	88310105.7	10/27/88	319138	8/11/93
14305		NL	CYLINDRICAL INSULATION DISPLACING CONNECTOR	89305747.1	6/7/89	348066	4/6/94
14764		NL	INSULATION DISPLACING BARREL TERMINAL	92921641.4	10/7/92	560971	2/26/97
15185		NL	TRUNK CABLE FAULT DETECTION AND RECONFIGURATION ARRANGEMENT		7/20/92		
15239		NL	TELEPHONE JUNCTION ENCLOSURE AND SYSTEM FOR SEALING A WIRE OPENING ARRAY	93300810.4	2/4/93	556979	4/24/96
15263		NL	CABLE STRAIN RELIEF FOR A SHIELDED ELECTRICAL CONNECTOR	93107592.3	5/10/93	569918	8/28/96
15396		NL	IMPROVED SHIELDED ELECTRICAL CONNECTOR	93306228.3	8/6/93	587303	10/21/98
15544		NL	OVERMOLD STRAIN RELIEF AND SNAG PREVENTION FEATURE	95926273.4	7/14/95	782774	4/22/98
15696		NL	INTERCONNECT ASSEMBLY FOR OPTICAL FIBER PLUGS	94114744.9	9/19/94	647865	7/29/98
16012		NL	DIVERGENT LOAD BAR	95932408.8	9/8/95	789939	6/23/99
16463		NL	NON-OHMIC ENERGY COUPLING FOR CROSSTALK REDUCTION	97906720.4	2/26/97	883977	11/8/00

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
40256		NL	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	95118433.2	11/23/95	716477	8/22/01
4935		NL	MODULAR TELEPHONE PLUG	8301615	5/6/83		
61019		NL	METHOD AND APPARATUS FOR TESTING FIBER OPTIC HUBS	88309579.6	10/13/88	315331	3/18/92
68016		NL	FIBER OPTIC ATTENUATOR	93907355.7	3/8/93		
8413		NL	ELECTRICAL TERMINALS FOR FLAT TWO-CONDUCTOR LEAD IN WIRE	7412580	9/24/74		
WR020		NL	Rail And Channel - Rails By Sleeve Around Slottes Edge Clamps	7807913	7/26/78		
WR024COM		NL	Inside Out Omega Wraparound	8000758	2/7/80		
WR030		NL	Pull-Wire	8103549	7/28/81		
WR031		NL	Catv Box ; Moulded Parts	81105584	7/16/81		
WR035		NL	Cable Marker Plate	82103744	5/3/82		
WR045		NL	Inside-Out Moulded End Part	82105976.3	7/5/82	0080016	6/12/85
WR061		NL	Feedthrough	84100404	1/17/84		
WR074COM		NL	Branch-Out X-Filling Piece In Sleeve End	85116244.6	12/19/85		
WR082		NL	S.C.O.P. With Pattern Of Recesses	86304520.9	6/12/86		
WR090		NL	Fiber Optic Organizer	86110361.2	7/26/86	0216073	9/20/89
WR102		NL	Heat Shrink Radi With Removable Outlets	87301936.8	3/5/87		
WR103		NL		87304348.3	5/15/87		
WR118		NL	Cable Cutting Tool	89105061	3/21/89		
WR119		NL	High Frequency Shielded Connection For Coax Cable	89110438.2	6/9/89		
WR120		NL	Multi-Outlet Box For Cables	89111573.5	6/24/89		
WR133		NL	Electrical Plug Connector	90110859.7	6/8/90		
WR136		NL	Cable Splice				
WR137		NL	Connection To Terminal Plate. Similarity To D. Terminator	91907679.4	4/12/91		
WR140		NL	Mechanical Radi Seal	91916615.7	9/12/91	0548203	8/21/96
WR142		NL		91920407.3	11/27/91		
WR145		NL	Fibre Optic Housing With Consumer Tap And Lead To Next Consumer I Same Housing.	92109429.8	6/4/92	0531628	9/25/96
WR156		NL	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	93919538.4	9/14/93		
WR160		NL	Catv Splitter With Variable Attenuation	94903960.6	1/6/94		
WR163		NL	Uteic With Dust Flap	94919793.3	7/8/94		
WR164		NL	Uteic Cable Gripper With Self-Centring	94902984.7	1/6/94		
WR166		NL	Shaped Silicone Rubber Seal For Uteic Closure	94924915.5	8/23/94		
WR168		NL		94931106.2	10/27/94		
WR172		NL	Catv Tap With Power Tap-Off	95932823.8	9/26/95		
2316.0172		NO	OPTICAL SWITCH	891853	5/5/89		
2316.0372		NO	MINIATURE COAX JACK MODULE	943,671	7/14/92		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1010		NO	MICROELECTROMECHANICAL OPTICAL SWITCH AND METHOD OF MANUFACTURE THEREOF	20020675	8/1/00		
2316.1747		NO	POWER DISTRIBUTION PANEL WITH MODULAR INSERTS	20053388	12/12/03		
	09-011	NO	Terminal strip	10712336.6	3/26/10	2441128	3/12/14
	00-008	NO	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	20025920	5/30/01	323133	1/8/07
	96-020	NO	Terminal, isolating or connecting strip	P975768	12/8/97	318549	4/11/05
	MP0192	NO	Heat-Recoverable Article With Self-Contained Heater	790208	9/26/75		
	MP0192	NO	Heat-Recoverable Article With Self-Contained Heater	753277	9/26/75	142599	9/10/80
	MP1086	NO	Devices Comprising PTC Conductive Polymers	863915	10/2/86	167430	10/30/91
	NC007	NO	Apparatus And Method For Uniformly Irradiating A Strand	953350	2/25/94		
	00-002	NO	Compensation device for an electrical connector	20011139	3/5/01		
	00-004	NO	Duplex connector for fiber clips	20024958	3/21/01		
	00-009	NO	Connection module with overvoltage device	20025921	5/30/01	326373	11/17/08
	00-009	NO	Connection module with overvoltage device	20076451	5/30/01		
	00-015	NO	Electrical Connector	20030726	7/26/01	324178	9/3/07
	00-017	NO	Coupling device for glass fiber connectors	20031340	9/21/01		
	02-003	NO	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	02-005	NO	Distribution box connection module for telecommunications and data technology	20051167	7/18/03	328394	2/8/10
	03-002	NO	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	20054626	2/27/04		
	04-002	NO	Plug connector for printed circuit boards	20065110	3/19/05	331596	2/6/12
	04-012	NO	Plug-in connector for printed circuit boards	20072500	10/31/05		
	75-118	NO		761695	5/19/76	144027	7/10/81
	80-129	NO	A twin contact terminal element	810475	2/12/81	156228	9/16/87
	80-132	NO	A self supporting terminal element	811676	5/18/81	157877	6/29/88
	81-135	NO	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	822662	8/4/82	158395	8/31/88

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	82-030	NO	Modular plug connector	823851	11/17/82	156920	1/18/88
	82-035	NO	Terminal element for cable wires and drop wire cables	830872	3/14/83	158976	12/22/88
	83-040	NO	A terminal strip	841098	3/21/84	160886	6/7/89
	83-140	NO	A cable distribution head	834356	11/28/83	162099	11/1/89
	84-147	NO	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	842558	6/25/84	159567	1/11/89
	85-003	NO		862413	6/17/86		
	85-164	NO		862412	6/16/86	167.425	10/30/91
	86-019	NO	Connector bank for cable wires, in particular for telephone cables	871787	4/29/87	170.183	9/16/92
	86-064	NO	A casing, particulary a junction-box casing for telecommunications engineering	872304	6/2/87	168.560	3/4/92
	86-066	NO	Cutting/clamping terminal element for electrical conductors	874397	10/21/87	170.375	10/7/92
	86-069	NO	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	875030	12/2/87	172827	9/8/93
	87-008	NO	Connector block with normally open or switching contacts	881139	3/15/88	174179	3/23/94
	87-077	NO	Device for holding connector banks in telecommunication systems	882616	6/14/88	174316	4/13/94
	88-006	NO		881702	4/20/88	171819	
	88-086	NO	Tool for connecting cable wires	885501	12/12/88	173963	2/23/94
	88-088	NO	Protective plug for connector or disconnector banks	890184	1/16/89	174608	6/1/94
	88-095	NO	Contact member of electrical conductors	892550	6/22/89	177288	8/16/95
	90-009	NO	Device for displaying announcements, in particular prices in numerical form	P911326	4/4/91	179928	1/8/97
	90-011	NO	Terminal block for telecommunications systems	P911502	4/17/91	302005	1/5/98
	90-012	NO	Cutting Clamping Contact	P911986	5/23/91	302004	1/5/98
	90-015	NO	Protective circuit and protective device plug for telecommunication installations	912787	7/16/91	301396	10/20/97
	91-013	NO	Terminal bank for the telecommunication and data technology	923183	8/14/92	307589	4/25/00
	91-014	NO	Cutting and clamping sleeve contact	923184	8/14/92		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	91-022	NO	Switching assembly for glass fibre cables of the telecommunication and data technology	923437	9/3/92	306589	11/22/99
	92-013	NO	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	932487	7/7/93	306690	12/6/99
	92-014	NO	Split flap display device	932633	7/21/93		
	92-026	NO	Method and arrangement for establishing networks of electro-optical display-field modules	934085	11/11/93		
	93-032	NO	Electrical Plug Connector	P943700	10/4/94		
	94-015	NO	Housing for optical components	951276	4/3/95		
	94-031	NO	Protection plug	P19952466	6/20/95	307159	2/14/00
	94-035	NO	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	P952850	7/18/95		
	94-036	NO	Cable protection element	951738	5/4/95		
	94-037	NO	19"Racking system	951737	5/5/95		
	95-006	NO	Electrical Connectors	961635	4/24/96		
	95-012	NO	Distribution device for telecommunications and data technique	P963518	8/23/96		
	95-013	NO	Termination device for the telecommunication and data technique	P 963720	9/6/96		
	95-016	NO	Terminal block for high transmission rates	P19963189	7/30/96	314527	3/31/03
	95-019	NO	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	P 963905	9/18/96		
	96-002	NO	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	970383	1/29/97		
	96-011	NO	High density high performance connector	P972137	5/9/97		
	96-013	NO	Connecting terminal	P973102	7/3/97		
	96-018	NO	Clamping device	19975327	11/20/97	319735	9/12/05
	96-019	NO	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	P975510	12/1/97		
	97-002	NO	Outdoor housing	P980931	3/4/98		
	97-008	NO	Arrangement of contact pairs for compensation of near-end crosstalk	P980930	3/4/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	97-012	NO	Distribution block for telecommunication and data technology	P981016	3/9/98		
	97-013	NO	Stationary housing with wall elements made of plastic	P981067	3/11/98		
	97-016	NO	Overvoltage protection module	P982065	5/6/98		
	97-018	NO	Overvoltage protection plug with fail-safe device	P982376	5/26/98		
	97-032	NO	Patch Panel with retractable patch cord	P986018	12/21/98		
	98-002	NO	Support body for an electrical contact arrangement	20003598	1/21/99		
	98-013	NO	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	20005726	5/12/99	318717	5/2/05
	98-022	NO	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-024	NO	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	99-006	NO	Device for mounting terminal strips for telecommunication, control power and data technology	PCT/EP00/01685	2/29/00		
	99-017	NO	Connecting cable with an electrical plug connection	20022550	11/16/00	320249	11/14/05
	99-018	NO	Electrical Connector	20006217	12/7/00		
	MP0766	NO	Fiber Optic Splicing	821365	4/26/82		
	MP0781COM	NO	Flat Sheet Closure & Method	823040	9/8/82		
	MP0871A	NO	Protective Article	861188	3/25/86	176188	2/15/95
	MP1018	NO	Splice Case	863532	12/31/85	170442	10/14/92
	MP1064	NO	Optical Fiber Distribution Network	881453	8/6/86		
	MP1258	NO	Splice Case	894674	4/26/89	179500	7/8/96
	MP1319	NO	Optical Fiber Connector Which Provides A High Signal Return Loss				
	MP1345COM	NO	Binding Post For Wide Tolerance Caps				
	MP1374A	NO	Alarm And Test System For A Digital Added Mail Line	P930785	8/1/91		
	MP1374C	NO	Gel Filled Modular Electrical Connecting Block	P952892	1/12/94		
	NC019	NO	Telecommunications Terminal		2/7/95		
2316.1006/01		NO	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	20013428	1/3/00		
2316.1007/I1		NO	TELECOMMUNICATIONS JACK ASSEMBLY	200113447	1/4/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1910/WO		NO	Communication wire	20052004	9/8/03		
15396		NO	IMPROVED SHIELDED ELECTRICAL CONNECTOR	933183	9/7/93		
40108		NO	DATA COMMUNICATION OUTLET KIT	943632	9/29/94	307908	6/13/00
WR137		NO	Connection To Terminal Plate. Similarity To D. Terminator	923968	4/12/91	307634	5/2/00
WR140		NO	Mechanical Radi Seal	930909	9/12/91	304340	11/30/98
WR147		NO	Modified Ezam Cable Duct Seal For Vault Closure				
WR148		NO	Hand Operated Multiple Wire Connector With Guide Slots				
WR155		NO	Silicone Rubber Seal For Box	950516	8/11/93		
WR165		NO	Catv Box For In-Line/Butt Connection	960764	8/23/94		
WR166		NO	Shaped Silicone Rubber Seal For Uteic Closure	960765	8/23/94		
WR168		NO					
WR171		NO	Catv Tap With Switch	971492	9/26/95		
	86-064	NP	A casing, particulary a junction-box casing for telecommunications engineering	9367	10/22/92	37/049/50	11/5/92
	94-031	NP	Protection plug	2201/052	3/10/96		
100.0414		NZ	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	519,714	12/14/00		
100.1207		NZ	INTELLIGENT FIBER CABLE MANAGEMENT USER APPLICATION	625385	11/21/12		
100.1239		NZ	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE	702985	6/25/13		
2316.0095		NZ	JACK DEVICE	218,637	12/15/86	218,637	7/3/90
2316.0095		NZ	JACK DEVICE	230,029	7/21/89	230,029	5/14/90
2316.0095		NZ	JACK DEVICE	230,030	7/21/89	230,030	5/14/90
2316.0117		NZ	ELECTRICAL CONNECTOR	220,906	6/30/87	220,906	10/9/90
2316.0145		NZ	JACK ASSEMBLY	236,485	12/17/90	236,485	12/17/90
2316.0172		NZ	OPTICAL SWITCH	228,998	5/4/89	228,998	5/4/89
2316.0204		NZ	DIGITAL CROSS CONNECT ASSEMBLY	234,064	6/14/90	23,064	6/14/90
2316.0212		NZ	OPTICAL FIBER STORAGE CONTAINER	234,063	6/14/90	234,063	7/9/93
2316.0237		NZ	FIBER OPTIC CONNECTOR MODULE	238,794	6/28/91		
2316.0237		NZ	FIBER OPTIC CONNECTOR MODULE	250,313	6/28/91		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0249		NZ	OPTICAL SWITCH ASSEMBLY	236,806	1/17/91	236,806	1/17/91
2316.0253		NZ	OPTICAL SWITCH WITH REDUCED REFLECTION	236,848	1/22/91	236,848	1/22/91
2316.0266		NZ	METHOD FOR CONSTRUCTING OPTICAL SWITCH	236,849	1/22/91	236,849	1/22/91
2316.0288		NZ	JACK ASSEMBLY	238,471	6/10/91	238,471	4/28/93
2316.0300		NZ	PLUG-IN JACK CARD FOR NORMALLY CLOSED CONTACTS	239,786	9/13/91	239,786	4/26/94
2316.0329		NZ	DISTAL DISTRIBUTION FRAME MODULE	240,220	10/14/91	240,220	7/26/94
2316.0458		NZ	PATCH CORD	261,472	1/7/94	261,472	1/10/97
2316.0942		NZ	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	508,811	5/20/99		
2316.1747		NZ	POWER DISTRIBUTION PANEL WITH MODULAR INSERTS	540447	12/12/03	540447	6/7/07
2316.1888		NZ	CABLE WITH OFFSET FILLER	546794	10/14/04	546794	10/8/09
2316.1888		NZ	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	546840	10/14/04	546840	2/8/08
2316.1889		NZ	METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS	549474	2/18/05	549474	2/12/09
2316.1891		NZ	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	549473	2/18/05	549473	4/9/09
2316.1892		NZ	Cable with twisting filler and shared sheath	528900	4/16/02		
2316.1906		NZ	Cable with twisting filler	509613	8/6/99	509613	3/31/03
2316.2078		NZ	CABLE MANAGEMENT BAR AND PATCH PANEL	561463	3/29/06	561463	7/8/10
2316.2179		NZ	TELECOMMUNICATIONS JACK WITH CROSSTALK COMPENSATION PROVIDED ON A MULTI-LAYER CIRCUIT BOARD	571956	4/10/07	571956	11/7/11
2316.2378		NZ	Telecommunications Jack with Crosstalk Compensation and Arrangements for Reducing Return Loss	571957	4/10/07	571957	12/5/11
2316.2379		NZ	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	594137	4/10/07	594137	5/23/13
2316.2379		NZ	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	571958	4/10/07	571958	1/9/12
2316.2396		NZ	MULTI-PAIR CABLE WITH VARYING LAY LENGTH	573728	6/6/07	573728	11/7/11
2316.2665		NZ	Asymmetric Compensation for Improved Alien Crosstalk Performance	588242	2/12/09		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2666		NZ	Improved Far End Crosstalk Compensation	588243	2/12/09		
2316.2863		NZ	Telecommunications Jack with Adjustable Crosstalk Compensation	593112	11/25/09		
2316.3207		NZ	FIBER OPTIC CASSETTE, SYSTEM, AND METHOD	623906	10/5/12		
2316.3218		NZ	DROP CABLE WITH BALANCED STRENGTH MEMBER	620028	7/23/12		
2316.3238		NZ	Fiber Termination Enclosure with Internal Cable Spool Assembly	618893	6/22/12		
2316.3395		NZ	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	629040	2/20/13		
2316.3448		NZ	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	702062	5/17/13		
2316.3528		NZ	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	703575	7/10/13		
2316.3528		NZ	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES				
2316.3554		NZ	FIBER OPTIC CASSETTE	706687	9/25/13		
2316.3555		NZ	MANUFACTURE AND TESTING OF FIBER OPTIC CASSETTE	706634	9/25/13		
	03-002	NZ	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	542327	2/27/04	542327	4/3/08
	09-013	NZ	Junction Box	585130	5/5/10	585130	1/9/12
	09-001	NZ	Telecommunications Connector	593646	1/8/10	593646	10/1/13
	11-014	NZ	Surface-Mountable Enclosure	618772	7/26/12		
	11-018	NZ	Telecommunications cabling system	626667	12/20/12		
	MP0192	NZ	Heat-Recoverable Article With Self-Contained Heater	178773	9/24/75		
	MP1086	NZ	Devices Comprising PTC Conductive Polymers	217791	10/2/86	217791	3/23/89
	NC007	NZ	Apparatus And Method For Uniformly Irradiating A Strand	262662	2/25/94	262662	10/14/96
	00-006	NZ	Z Form Insulation Displacement Contact (Electrical power outlet)	521556	3/29/01	521556	7/5/04
	00-007	NZ	Electrical connector with spaced contact portions	522144	4/25/01	522144	10/7/04
	00-008	NZ	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	522819	5/30/01	522819	8/12/04
	00-009	NZ	Connection module with overvoltage device	522820	5/30/01	522820	8/12/04
	00-015	NZ	Electrical Connector	524143	7/26/01	524143	8/12/04

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	01-002	NZ	Construction kit and method for creating an electrical cabinet for outdoor use	527125	1/12/02	527125	1/13/05
	01-004	NZ	Universal adapter	530983	7/27/02	530983	9/8/05
	03-003	NZ	Overvoltage protection magazine for a telecommunications device	542329	3/26/04	542329	10/11/07
	03-006	NZ	Distribution board connection module	545051	8/12/04	545051	10/9/08
	06-009	NZ	Connector Block	572640	7/18/07	572640	2/7/12
	06-010	NZ	Connector Block	572639	7/18/07	572639	2/9/11
	06-011	NZ	Shielding Device	575596	7/18/07	575596	3/5/12
	07-039	NZ	TELECOMMUNICATIONS PATCH PANEL	568766	6/3/08	568766	2/11/10
	10-016	NZ	Wire termination tool	596194	11/3/11		
	14305	NZ	CYLINDRICAL INSULATION DISPLACING CONNECTOR	234275	6/27/90	234275	7/6/93
	41234	NZ	Electrical Connector for Data and Energy Supply	547739	11/15/04	547739	5/15/08
	41235	NZ	Connector Socket	547556	11/15/04	546556	2/11/10
	82-035	NZ	Terminal element for cable wires and drop wire cables	203936	4/19/83	203936	10/13/86
	83-040	NZ	A terminal strip	207563	3/20/84	207563	3/16/88
	84-016	NZ	Multipolar plug	214478	12/9/85	214478	8/7/89
	85-003	NZ		216,440	6/6/86		
	87-077	NZ	Device for holding connector banks in telecommunication systems	224705	5/19/88	224705	12/14/93
	88-086	NZ	Tool for connecting cable wires	226961	11/14/88	226961	9/25/90
	88-091	NZ	Receiving pre-amplifier for an optical telecommunication line		3/8/89		
	90-009	NZ	Device for displaying announcements, in particular prices in numerical form	237491	3/19/91	237491	1/5/96
	90-011	NZ	Terminal block for telecommunications systems	237588	3/26/91	237588	6/30/93
	90-012	NZ	Cutting Clamping Contact	237983	4/29/91	237983	8/17/94
	90-015	NZ	Protective circuit and protective device plug for telecommunication installations	238712	6/26/91	238712	5/9/94
	91-010	NZ		242885	5/25/92		
	91-014	NZ	Cutting and clamping sleeve contact	243748	7/28/92	243748	2/19/95
	92-024	NZ	Signal-connector with capacitive adjustment for improved crosstalk parameters	248570	9/2/93	248570	4/8/97

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	93-017	NZ	Method for monitoring the filing levels of material of value collection containers	260374	4/22/94		
	93-023	NZ	Connection block for high speed transmission in the telecommunication and data system	260668	6/2/94	260668	2/20/97
	93-032	NZ	Electrical Plug Connector	264477	9/19/94	264477	7/2/97
	93-034	NZ	Termination unit for telecommunication and data lines	264779	10/26/94	264779	3/13/98
	94-035	NZ	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	272605	7/18/95	272605	3/18/98
	95-006	NZ	Electrical Connectors	286349	4/10/96	286349	10/13/98
	95-016	NZ	Terminal block for high transmission rates	299112	8/1/96	299112	1/13/99
	96-002	NZ	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	314160	1/30/97	314160	1/21/99
	96-011	NZ	High density high performance connector	314789	5/12/97	314789	3/17/99
	96-018	NZ	Clamping device	329087	10/31/97	329087	2/19/99
	96-019	NZ	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	329088	10/31/97	329088	1/27/99
	96-020	NZ	Terminal, isolating or connecting strip	329358	12/8/97	329358	5/26/99
	97-008	NZ	Arrangement of contact pairs for compensation of near-end crosstalk	329742	2/11/98		
	97-031	NZ	Electrical power outlet with IDC connections	332913	11/19/98	332913	8/9/01
	98-002	NZ	Support body for an electrical contact arrangement	504488	1/21/99		
	98-013	NZ	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	507944	5/12/99		
	98-022	NZ	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-023	NZ	Electrical Connector	336562	7/2/99	336562	10/5/00
	98-024	NZ	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-025	NZ	Shielding device for connection strips in telecommunications and data engineering	511241	10/14/99	511241	3/31/03
	99-007	NZ	Connector element with closure device	PCT/EP00/02122	3/10/00		
	99-017	NZ	Connecting cable with an electrical plug connection	PCT/EP00/11348	11/16/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	ITRACS001	NZ	A System for Monitoring Connection Pattern of Data Ports		4/5/00	514611	2/9/04
	MP0766	NZ	Fiber Optic Splicing	200413	4/26/82		
	MP0820	NZ	Method Of Transmitting UV Light By Optical Fiber	204188	5/10/83		
	MP0855	NZ	A Mechanical Coupling Assembly And Method Of Using Same	207672	3/28/84		
	MP0871A	NZ	Protective Article	215599	3/25/86	215599	11/30/87
	MP1018	NZ	Splice Case	214585	12/1/85		
	MP1064	NZ	Optical Fiber Distribution Network	216817	7/11/86		
	MP1064	NZ	Optical Fiber Distribution Network	231185	7/11/86		
	MP1374C	NZ	Gel Filled Modular Electrical Connecting Block	261496	1/12/94	261496	7/2/97
	MP1511	NZ	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	287758	5/30/95		
	MP1514	NZ	Environmental Protection Device With Manually Operated Latch Mechanism	287225	5/17/95	287225	10/23/97
	NC012	NZ	Fiber Optic Splice Closure	314587	4/11/97	314587	3/17/99
	NC012	NZ	Fiber Optic Splice Closure	314586	4/11/97	314586	12/15/98
	NC019	NZ	Telecommunications Terminal		2/7/95		
	NC032	NZ	System For Protecting Telecommunications Equipment From Transient Voltages	517602	9/13/00	517602	1/5/04
	NC066	NZ	Connector Assembly for Use with Connector Plug	535701	3/13/03	535701	2/8/08
	NC074	NZ	Toggle Type Telecommunications Terminal Blocks Including a Travel Limit Member	546937	10/7/04	546937	1/7/10
02316.3392NZWO	TO-00402	NZ	Portable Device for Attaching a Connector to an Optical Fiber	615535	2/7/12		
02316.3413NZWO	TO-00509	NZ	Optical Fiber Connection System Including Optical Fiber Alignment Device	628299	2/6/13		
02316.3982NZWO	TO-00420	NZ	Cable Strain Relief Clamping Devices and Methods for Using the Same	615040	3/1/12		
02316.3999.NZD2	MP1374A	NZ	Alarm And Test System For A Digital Added Mail Line	328461	7/30/97		
02316.3999NZD1	MP1374A	NZ	Alarm And Test System For A Digital Added Mail Line	260821	8/6/91	260821	2/20/98

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3999NZW2	MP1374C	NZ	Gel Filled Modular Electrical Connecting Block	314036	1/8/97	314036	9/23/98
02316.3999NZWO	MP1374A	NZ	Alarm And Test System For A Digital Added Mail Line	239285	8/6/91	239285	8/26/97
02316.4000NZ01	NC004	NZ	Telecommunications Terminal Block	244633	10/6/92	244633	1/4/96
02316.4026NZWO	NC012	NZ	Fiber Optic Splice Closure	258734	11/20/93	258734	10/22/97
02316.4071NZWO	E-TO-00175	NZ	Method for Accessing a Fiber Within a Fiber Optic Cable to Splice Thereto and Tools for Use with the Same	584268	8/25/08	584268	5/7/12
02316.4072NZWO	E-TO-00176	NZ	Fiber Optic Cable Control Clips and Enclosure Assemblies and Methods Incorporating the Same	584265	8/26/08	584265	2/7/12
2316.1006/01		NZ	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	513,326	1/3/00		
2316.1007/I1		NZ	TELECOMMUNICATIONS JACK ASSEMBLY	513,503	1/4/00		
2316.1890/I1		NZ	METHODS AND SYSTEMS FOR POSITIONING CONNECTORS TO MINIMIZE ALIEN CROSSTALK	549955	2/18/05		
2316.1910/WO		NZ	Communication wire	538937	9/8/03	538937	9/13/07
5487-136NZ2	NC066	NZ	Connector Assembly for Use with Connector Plug	555912	3/13/03	555912	5/14/09
5487-139	NC071	NZ	Toggle Type Telecommunications Terminal Blocks	543324	4/6/04	543324	12/11/08
15030		NZ	PROTECTOR MOUDULE FOR TELEPHONE LINE JUNCTION BOX AND METHOD	247061	3/4/93	247061	2/12/96
15396		NZ	IMPROVED SHIELDED ELECTRICAL CONNECTOR	248262	7/26/93	248262	12/12/95
16980		NZ	HOUSING FOR OPTICAL FIBRES	249802	9/15/94		
40057		NZ	SHIELDED DATA CONNECTOR	245988	2/24/93		
40108		NZ	DATA COMMUNICATION OUTLET KIT				
4935		NZ	MODULAR TELEPHONE PLUG	204073	5/2/83	204073	10/6/86
TO-00559		NZ	Cable Management System including Splitter/Filter Tray	703588	7/4/13		
WR102		NZ	Heat Shrink Radi With Removable Outlets	219514	3/5/87	219514	12/15/88
WR140		NZ	Mechanical Radi Seal	239785	9/13/91	239785	3/25/94
WR147		NZ	Modified Ezam Cable Duct Seal For Vault Closure				
WR148		NZ	Hand Operated Multiple Wire Connector With Guide Slots				
WR155		NZ	Silicone Rubber Seal For Box	254937	8/11/93		
WR165		NZ	Catv Box For In-Line/Butt Connection				
WR166		NZ	Shaped Silicone Rubber Seal For Uteic Closure				

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR168		NZ					
	87-077	PA	Device for holding connector banks in telecommunication systems	048002	10/7/88	048002	9/7/98
	90-012	PA	Cutting Clamping Contact	062721	8/31/92	062721	12/27/95
	90-015	PA	Protective circuit and protective device plug for telecommunication installations	059674	5/18/93	59674	7/12/95
	91-014	PA	Cutting and clamping sleeve contact	067120	7/28/92	67120	7/4/95
	99-013	PA	Interconnection device for telephone/data lines with tool less wire termination and easy disconnection for testing	PI/PA00/84983	7/17/00		
	99-016	PA	STC-Module	PI/PA/85176	5/24/01		
100.0414		PE	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	001338-2000	12/14/00		
2316.0172		PE	OPTICAL SWITCH	153,232	4/12/89	4901	8/29/91
2316.0942		PE	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	477	6/4/99	2,298	2/28/02
2316.1017		PE	CABLE MANAGEMENT RACK FOR TELECOMMUNICATION CROSS-CONNECT SYSTEMS	109	2/11/00		
2316.1180		PE	DESIGN AND ESTIMATING TOOLS FOR THE DESIGN OF TELECOMMUNICATIONS INFRASTRUCTURE IN A STRUCTURE	212	3/1/01		
2316.2832		PE	FIELD TERMINABLE FIBER OPTIC ASSEMBLY	000020-2011/DIN	7/10/09		
2316.3395		PE	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	001292-2014	2/20/13		
	83-140	PE	A cable distribution head	73764	2/26/83	4012	5/22/87
	84-147	PE	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	81353	8/17/84	3533	8/27/85
	86-019	PE	Connector bank for cable wires, in particular for telephone cables	119754	4/21/87	4310	4/22/88
	86-064	PE	A casing, particulary a junction-box casing for telecommunications engineering	112048.86	10/27/86	4190	11/9/87
	86-069	PE	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	129961	11/16/87	000147	
	87-077	PE	Device for holding connector banks in telecommunication systems	139230	5/23/88	4459	11/27/89

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	88-095	PE	Contact member of electrical conductors	155319	6/1/89	5094	8/12/92
	90-006	PE	Connecting block for the telecommunication and data technology	181124	1/31/91	000088	9/22/93
	90-012	PE	Cutting Clamping Contact	185990	5/22/91	5184	11/27/92
	90-015	PE	Protective circuit and protective device plug for telecommunication installations	187721	7/1/91	5178	11/23/93
	91-014	PE	Cutting and clamping sleeve contact	206732	7/28/93	482	6/30/95
	94-007	PE	Insulation displacement contact element	254466	11/9/94	000769	10/31/96
	95-013	PE	Termination device for the telecommunication and data technique	000657/1996-OIN	9/10/96		
	95-019	PE	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	000637/1996-OIN	8/28/96		
	96-002	PE	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	000159/1997	3/5/97	002025	8/31/01
	96-013	PE	Connecting terminal	000573.97	7/3/97	001891	6/20/01
	96-020	PE	Terminal, isolating or connecting strip	001098/1997-OIN	12/5/97	001997	8/21/01
	99-016	PE	STC-Module	001190/2000	11/7/00		
	NC071	PE	Toggle Type Telecommunications Terminal Blocks	000414-2004/OIN	4/27/04		
02316.3392PEWO	TO-00402	PE	Portable Device for Attaching a Connector to an Optical Fiber	001873-2013/DIN	2/7/12		
02316.3413PEWO	TO-00509	PE	Optical Fiber Connection System Including Optical Fiber Alignment Device	001236-2014/DIN	2/6/13		
2316.1011/I2		PE	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	173	3/1/00	2,687	10/31/02
2316.1011/I2		PE	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	55,000	6/2/00	2,923	6/2/00
2316.1011/I4		PE	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	393/01	5/2/01	3629	7/27/04
TO-00559		PE	Cable Management System including Splitter/Filter Tray	000027-2015/DIN	7/4/13		
100.0414		PH	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	1-2000-03443	12/14/00		
100.0963		PH	Cellular base station	D-12547	5/21/97		
100.0964		PH	Cellular base station	D-12546	5/21/97	3-1997-12546	11/12/02

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0974		PH	Method and apparatus for providing intelligent cellular handoff	1-1998-00239	2/4/98	1-199800239	8/30/02
2316.0172		PH	OPTICAL SWITCH	38,613	5/5/89		
2316.0691		PH	SWITCHING COAX JACK DEVICE	19800685	3/25/98		
2316.0777		PH	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	19800686	3/25/98		
2316.0786		PH	FIBER CONNECTOR AND ADAPTER	1-1998-01168	5/15/98	1 1998 01168	2/7/06
2316.0942		PH	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	19901210	5/25/99		
2316.1009		PH	DSX MODULE WITH REMOVABLE JACK	10000793	3/31/00		
2316.1017		PH	CABLE MANAGEMENT RACK FOR TELECOMMUNICATION CROSS-CONNECT SYSTEMS	1-2000-00282	2/8/00	1-2000-00282	9/17/07
2316.1051		PH	HIGH DENSITY PATCHING SYSTEM	1-2000-00888	4/11/00	1-2000-00888	8/12/05
2316.1150		PH	CONNECTOR PLUG AND INSERT FOR TWISTED PAIR CABLES	I-2000-03401	12/11/00		
2316.1822		PH	LONG FRAME HIGH DENSITY PATCHING SYSTEM	1-2007-500001	7/20/05		
2316.1869		PH	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	1-2007-500361	9/9/05	1-2007-500361	11/19/10
2316.1892		PH	Cable with twisting filler and shared sheath	1-2003-501027	4/16/02		
2316.3395		PH	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	1-2014-501873	2/20/13		
	03-002	PH	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	1-2005-501568	2/27/04	1-2005-501568	7/30/10
	NC027	PH		52707	3/22/95		
	NC029	PH	Non-Interrupt Bypass Switch For RF Circuits	00042	1/9/98		
	NC030	PH	RF Chokes Comprising Parallel Coupled Inductors				
	MP1492	PH	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	50288	4/10/95	1-1995-50288	7/26/02
	00-004	PH	Duplex connector for fiber clips	1-2001-00794	3/30/01	1-2001-00794	10/21/05
	00-008	PH	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	1-2001-001425	6/8/01	1-2001-001425	10/27/06
	00-009	PH	Connection module with overvoltage device	1-2001-001426	6/8/01	1-2001-001426	12/4/09
	00-012	PH	Assembly and method for use in terminating an optical fiber or fibers	1-2001-01434	6/11/01	1-2001-01434	11/22/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-014	PH	Connecting element and method for making electrical contact with an electrical core without using any tools	1-2001-002013	8/8/01		
	00-017	PH	Coupling device for glass fiber connectors	1-2003-500170	9/21/01	1-2003-500170	11/13/06
	00-018	PH	Plastic patch panel	1-2003-500169	9/24/01		
	00-019	PH	Optical Fibre Connection Housing	1-2003-500168	9/24/01	1-2003-500168	9/24/08
	01-004	PH	Universal adapter	1-2004-500192	7/27/02	1-2004-500192	12/19/08
	01-005	PH	Strain relief device for a Plug Connector for Communications and Data technology	1-2004-500293	8/12/02	1-2004-500293	10/26/07
	01-007	PH	Terminal block	1-2004-500491	9/13/02		
	02-006	PH	Patch Cord Connector	PCT/EP03/07675	7/16/03		
	03-003	PH	Overvoltage protection magazine for a telecommunications device	1-2005-501617	3/26/04	1-2005-501617	12/29/08
	03-004	PH	Glass-fiber coupler module	PCT/EP2004/03232	3/26/04		
	03-006	PH	Distribution board connection module	1-2006-500244	8/12/04	1-2006-500244	3/31/09
	11-014	PH	Surface-Mountable Enclosure	1-2014-500157	7/26/12		
	80-012	PH	A tool for electrically connecting insulated wires	25483	4/9/81	19750	6/23/86
	81-135	PH	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	27831	9/6/82	19327	3/18/86
	82-030	PH	Modular plug connector	28291	12/17/82	23028	3/10/89
	83-140	PH	A cable distribution head	30220	2/10/84	21132	7/27/87
	87-077	PH	Device for holding connector banks in telecommunication systems	36935	5/17/88	1-1988-36935	1/31/03
	88-088	PH	Protective plug for connector or disconnector banks	38064	1/18/89	26629	8/19/92
	88-095	PH	Contact member of electrical conductors	38742	6/5/89	26626	8/19/92
	89-010	PH	Wire connector for cable wires, in particular of telecommunication cables	41096	8/29/90	28657	12/8/94
	90-011	PH	Terminal block for telecommunications systems	42221	4/1/91	28443	9/21/94
	90-012	PH	Cutting Clamping Contact	42431	5/10/91	27814	11/3/93
	90-015	PH	Protective circuit and protective device plug for telecommunication installations	42761	7/10/91		
	91-014	PH	Cutting and clamping sleeve contact	44759	7/30/92		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-013	PH	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	46367	6/17/93	1-1993-46367	9/20/04
	92-025	PH	Method and arrangement for optically representing information	46855	9/9/93		
	93-020	PH	Termination module	48083	4/12/94	30633	8/28/97
	94-007	PH	Insulation displacement contact element	49327	11/8/94	31358	7/31/98
	94-012	PH	Obliquely disposed insulation displacement contact	49869	2/1/95	31758	1/20/99
	94-021	PH	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	50347	4/18/95	1-1995-50347	1/8/04
	94-031	PH	Protection plug	50771	6/21/95	32067	6/16/99
	94-035	PH	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	50984	7/24/95		
	95-012	PH	Distribution device for telecommunications and data technique	54009	8/30/96		
	95-013	PH	Termination device for the telecommunication and data technique	I-54280	9/13/96		
	95-016	PH	Terminal block for high transmission rates	53874	8/7/96		
	95-019	PH	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	54041	8/30/96		
	96-001	PH	Electronic access control and security system	55784	3/7/97		
	96-002	PH	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	55783	3/7/97	1-1997-55783	3/31/00
	96-005	PH	Management-capable splice cassette	55782	3/7/97	1-1997-55782	1/31/03
	96-011	PH	High density high performance connector	I-56473	5/19/97		
	96-013	PH	Connecting terminal	I-57359	7/22/97	1-1997-57359	5/8/01
	96-018	PH	Clamping device	I-58564	11/18/97		
	96-019	PH	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	I-58563	11/18/97		
	96-020	PH	Terminal, isolating or connecting strip	I-58763	12/9/97	1-1997-58763	3/11/03
	97-008	PH	Arrangement of contact pairs for compensation of near-end crosstalk	I-1998-00428	2/25/98		
	97-018	PH	Overvoltage protection plug with fail-safe device	1-1998-01315	5/28/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-001	PH	Optical fibre connector	1-1998-03304	12/16/98		
	98-002	PH	Support body for an electrical contact arrangement	1-1999-00152	1/27/99		
	98-013	PH	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	1-1999-01153	5/17/99	1-1999-01153	6/10/05
	98-022	PH	Cable manager for multi-core cable	1-1999-02083	8/17/99		
	98-023	PH	Electrical Connector	1-1999-01806	7/20/99		
	99-015	PH	Housing for installing terminal blocks for telecommunications and data engineering	1-2000-02555	9/15/00	1-2000-02555	6/10/05
	99-017	PH	Connecting cable with an electrical plug connection	1-2000-03249	11/24/00	1-2000-03249	8/31/05
	ITRACS001	PH	A System for Monitoring Connection Pattern of Data Ports	2001-00841	4/4/01	2001-00841	9/22/09
	MP1064	PH	Optical Fiber Distribution Network	34009	7/11/86		
	MP1391	PH	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	43210	9/27/91	30544	7/10/97
	MP1404	PH	Hermaphroditic Gel Closure	44031	3/11/92		
	MP1432	PH	Low Temperature Expandable Gaskets	46639	8/5/93		
	MP1476	PH	Oval Port Seal	48679	7/22/94		
	MP1493	PH	Aerial, Pedestal, Below Grade, Or Buried Optical Fiber Closure	49845	1/26/95	31012	12/29/97
	MP1511	PH	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	50645	6/1/95		
	MP1514	PH	Environmental Protection Device With Manually Operated Latch Mechanism	50646	6/1/95		
	MP1621	PH	Sealed Coaxial Cable Connector	1-1998-00705	3/26/98		
	NC003	PH	Cable Seal	44285	4/29/92	29297	1/15/96
	NC005	PH	Fiber Optic Splice Organizer And Associated Method	46434	6/30/93		
	NC006	PH	Gas Tube Vent-Safe Device	46436	6/30/93		
	NC008	PH	Surge Arrestor Fail Safe Thermal Overload Mechanism	46435	6/30/93		
	NC009	PH	Connector Ground Clip	49269	10/28/94		
	NC011	PH	Telecommunications Network Interface Assembly	46158	5/7/93		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC012	PH	Fiber Optic Splice Closure	47324	11/25/93		
	NC016	PH	Fiber Optic Splice Closure And Associated Methods	48112	4/18/94		
	NC017	PH	Fiber Optic Cable System Including Main And Drop Cables And Associated Fabrication Method	52707	3/22/96		
	NC019	PH	Telecommunications Terminal	49822	1/23/95		
	NC025	PH	Protected Telecommunications Terminal	51063	8/8/95		
	NC036	PH	Telephone Subscriber Line Module	1-1998-002529	9/25/98		
	NC042	PH	Fiber Optic Drop Splice Closure And Related Methods	01232	5/26/99		
	NC047	PH	Bulbous Configured Fiber Optic Splice Closure And Associated Method	1-2000-1112	5/3/00		
	NC066	PH	Sealant-Filled Connector Assemblies for Use with Connector Plugs and Methods for Forming the Same	1-2004-501692	3/13/03	1-2004-501692	5/26/08
	NC074	PH	Toggle Type Telecommunications Terminal Blocks Including a Travel Limit Member	1-2006-500892	10/7/04	1-2006-500892	2/8/10
02316.3413PHWO	TO-00509	PH	Optical Fiber Connection System Including Optical Fiber Alignment Device	1-2014-501789	2/6/13		
02316.3996PH01	NC014	PH	Telecommunications Terminal Block	48085	4/12/94	31691	1/18/99
02316.3999PHI2	MP1374C	PH	Gel Filled Modular Electrical Connecting Block	47635	1/19/94	31223	5/12/98
02316.4000PH01	NC004	PH	Telecommunications Terminal Block	45071	10/9/92		
20316.1991PH01	99-008	PH	Unit with wire termination and RJ style plug	1-2000-01309	5/19/00		
5487-81	NC056	PH	Terminal Blocks And Methods For Making And Breaking Connections In A Telecommunications Conductor	1-2001-01933	7/27/01		
15618		PH	ELECTRICAL CONNECTOR WITH SLOTTED BEAM CONTACT	49456	11/28/94	30627	8/28/97
15672		PH	AUTOMATIC TOOL FOR MICRO-CONNECTOR	48453	6/16/94		
15700		PH	NETWORK INTERFACE DEVICE MODULE PROVIDING SEALED CUSTOMER ACCESSIBLE TEST PORT	49792	1/18/95	30838	11/3/98

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
16007		PH	CROSS CONNECTION MODULE PROVIDING FOR UNINTERRUPTED TRANSMISSION DURING SERVICING	51193	8/25/95		
TO-00559		PH	Cable Management System including Splitter/Filter Tray	1-2015-500016	7/4/13		
WR155		PH	Silicone Rubber Seal For Box	46638	8/11/93		
WR159		PH	Uteic With Ports For In-Line Or Butt Connection	47922	3/15/94		
WR163		PH	Uteic With Dust Flap	48582	7/7/94		
WR165		PH	Catv Box For In-Line/Butt Connection	48855	8/26/94		
WR166		PH	Shaped Silicone Rubber Seal For Uteic Closure	48854	8/26/94		
	MP0192	PK	Heat-Recoverable Article With Self-Contained Heater	396/75	9/27/75	125736	1/27/78
	00-012	PK	Assembly and method for use in terminating an optical fiber or fibers	524/2001	6/8/01	137840	10/8/03
	00-014	PK	Connecting element and method for making electrical contact with an electrical core without using any tools	743/2001	7/31/01		
	06-018	PK	Plug-in connector for printed circuit boards	1472/2007	12/14/07	140210	5/20/10
	82-035	PK	Terminal element for cable wires and drop wire cables	148/84	4/15/84	129253	8/15/86
	84-147	PK	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	283/84	7/11/84	129350	11/11/86
	85-003	PK		258/86	6/18/86		
	86-019	PK	Connector bank for cable wires, in particular for telephone cables	170/87	4/21/87	130585	6/21/89
	86-064	PK	A casing, particulary a junction-box casing for telecommunications engineering	340/87	7/23/87	13 06 00	5/31/89
	86-066	PK	Cutting/clamping terminal element for electrical conductors	508/87	11/18/87	131041	12/17/89
	86-069	PK	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	588/87	12/29/87	130960	10/1/89
	87-077	PK	Device for holding connector banks in telecommunication systems	364/88	8/11/88	131447	9/24/90
	88-086	PK	Tool for connecting cable wires	4/89	1/3/89	131444	9/17/90
	88-088	PK	Protective plug for connector or disconnector banks	122/89	3/27/89	131652	7/27/91
	88-095	PK	Contact member of electrical conductors	348/89	8/27/89		
	89-010	PK	Wire connector for cable wires, in particular of telecommunication cables	441/90	10/21/90	132328	12/20/92
	90-006	PK	Connecting block for the telecommunication and data technology	69/91	2/24/91		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-011	PK	Terminal block for telecommunications systems	440/90	10/21/90	132256	12/20/92
	90-012	PK	Cutting Clamping Contact	270/91	7/13/91		
	90-015	PK	Protective circuit and protective device plug for telecommunication installations	273/91	6/16/91	132674	8/15/93
	91-014	PK	Cutting and clamping sleeve contact		9/13/91		
	92-013	PK	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	376	8/15/93	133714	8/20/96
	93-020	PK	Termination module	226/94	6/29/93	134129	6/5/96
	94-007	PK	Insulation displacement contact element	533/94	11/28/94	134501	3/28/97
	94-012	PK	Obliquely disposed insulation displacement contact	110/95	2/23/95	134660	6/23/97
	95-013	PK	Termination device for the telecommunication and data technique	595/96	10/2/96		
	95-016	PK	Terminal block for high transmission rates	597/96	10/2/96		
	95-019	PK	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	596/96	10/2/96		
	96-002	PK	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	63/97	1/30/97	135522	1/30/99
	96-011	PK	High density high performance connector	306/97	5/9/97	135673	5/9/99
	96-013	PK	Connecting terminal	553/97	7/21/97	135802	7/21/99
	96-018	PK	Clamping device	857/97	10/28/97		
	96-019	PK	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	856/97	10/28/97		
	96-020	PK	Terminal, isolating or connecting strip	988/97	12/6/97	136038	12/6/99
	97-008	PK	Arrangement of contact pairs for compensation of near-end crosstalk	143/98	2/10/98		
	98-002	PK	Support body for an electrical contact arrangement	48/99	1/25/99		
	98-013	PK	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	387/99	5/12/99	136775	5/12/01
	98-022	PK	Cable manager for multi-core cable	716/99	8/16/99		
	99-017	PK	Connecting cable with an electrical plug connection	1064/2000	11/21/00		
	MP1018	PK	Splice Case	2/86	1/2/86	130044	10/25/87

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1064	PK	Optical Fiber Distribution Network	295/86	7/9/86		
	NC003	PK	Cable Seal	199/92	4/29/92	133174	7/13/94
2316.0372		PL	MINIATURE COAX JACK MODULE	9P305518	7/14/92		
2316.0381		PL	OVERLAPPING FUSION ATTENUATOR	P-304393	8/27/92		
2316.0383		PL	FIBER OPTIC CONNECTOR	P304395	9/2/92		
2316.0393		PL	VARIABLE FIBER OPTICAL ATTENUATOR	P304394	8/28/92		
2316.0786		PL	FIBER CONNECTOR AND ADAPTER	P-346614	9/1/99	346614	11/14/06
2316.0786		PL	FIBER CONNECTOR AND ADAPTER	336,893	5/14/98		
2316.1010		PL	MICROELECTROMECHANICAL OPTICAL SWITCH AND METHOD OF MANUFACTURE THEREOF	354,707	8/1/00	PAT-200407	5/14/08
2316.1017		PL	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	P 355 524	2/10/00	PAT-201286	8/27/08
2316.1605		PL	FRONT ACCESS DSX ASSEMBLY	P-374214	9/16/02	PAT-203588	4/16/09
2316.1787		PL	FIBER OPTIC CONNECTOR HOLDER AND METHOD	09011819.1	9/16/09	2138878	3/25/15
2316.1863		PL	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	05771738.1	6/13/05	1766452	8/4/10
2316.1888		PL	CABLE WITH OFFSET FILLER	04795260.1	10/14/04	1687833	10/2/13
2316.1912		PL	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	08008856.0	5/14/08	1962519	9/29/10
2316.1912		PL	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	05 826 135.5	11/2/05	1808028	5/14/08
2316.2171		PL	CRIMPED CENTER CONDUCTOR	06816358.3	10/11/06	1949708	6/2/10
2316.2314		PL	FIBER OPTIC SPLITTER MODULE	07749942.4	2/6/07	1987383	5/6/15
2316.2473		PL	FIBER OPTIC CONNECTOR MECHANICAL INTERFACE CONVERTER	08713473.0	1/3/08	2106562	3/11/15
	03-003	PL	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-010	PL	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	05-010	PL	Protective plug for distribution frame devices for telecommunications and data technology	06754344.7	6/13/06	1894281	9/14/11
	05-011	PL	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	07-004	PL	Terminal block	07856677.5	12/13/07	2127029	4/23/14
	09-011	PL	Terminal strip	10712336.6	3/26/10	2441128	3/12/14

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	03-006	PL	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	07-010	PL	Sleeve for optical waveguide cables	08715782.2-1524	2/15/08	2132589	8/3/11
	96-002	PL	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	P-318893	3/12/97	182659	8/6/01
	96-020	PL	Terminal, isolating or connecting strip	P-323613	12/9/97	183079	10/18/01
	ITRAC S001	PL	A System for Monitoring Connection Pattern of Data Ports	P351791	4/5/00	204802	8/5/09
	00-008	PL	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	P-358997	5/30/01	202360	1/19/09
	00-009	PL	Connection module with overvoltage device	P-358999	5/30/01	202322	12/29/08
	ITRAC S001	PL	A System for Monitoring Connection Pattern of Data Ports	P384234	4/5/00	206321	2/9/10
	00-004	PL	Duplex connector for fiber clips	P-358250	3/21/01	200271	6/26/08
	00-007	PL	Electrical connector with spaced contact portions	P-360352	4/25/01		
	00-015	PL	Electrical Connector	P-359708	7/26/01	202202	12/29/08
	00-017	PL	Coupling device for glass fiber connectors	P-360599	9/21/01	199889	5/14/08
	00-018	PL	Plastic patch panel	01985780.4	9/24/01		
	02-003	PL	Coupling for optical-fiber connectors	P-371590	4/25/03		
	02-004	PL	Device for an optical-fiber connection	P-371591	4/25/03	202127	12/29/08
	03-001	PL	Distribution frame with access for testing	P-377948	2/19/04		
	03-002	PL	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	P-377996	2/27/04	205021	10/21/09
	03-004	PL	Glass-fiber coupler module	04723539.5	3/26/04	1613993	12/5/07
	03-005	PL	Conductor connection module for printed circuit boards	04740236.7-2214	6/24/04	1649549	11/2/06
	04-004	PL	Connection module for telecommunications and data technology	05776552.1	8/30/05	1787481	5/27/09
	04-012	PL	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	PL	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	06-004	PL	Press-fit-connector	07724602.3	4/26/07	2018682	7/28/10
	06-010	PL	Connector Block	07786141.7	7/18/07	2044654	1/6/10

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-006	PL	Connecting block for the telecommunication and data technology	P-289380	3/11/91	164907	4/25/94
	90-009	PL	Device for displaying announcements, in particular prices in numerical form	P-289580	3/25/91	166467	9/8/93
	91-010	PL		P-294770	6/3/92		
	91-022	PL	Switching assembly for glass fibre cables of the telecommunication and data technology	P-295833	9/4/92	167823	5/13/95
	91-030	PL				p-294979	
	92-013	PL	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	P-299581	7/6/93	172498	3/6/97
	92-014	PL	Split flap display device	P-300117	8/17/93		
	92-019	PL	Method for elctronically labelling articel	P-301043	11/12/93		
	93-023	PL	Connection block for high speed transmission in the telecommunication and data system	P-304454	7/26/94	175158	5/29/98
	93-030	PL	Terminal block	P-305143	9/22/94	175151	5/29/98
	93-040	PL	Process for reducing the tearability of a thermally shrinkable web			PA 303072	
	94-007	PL	Insulation displacement contact element	P-306973	1/27/95	176179	11/2/98
	94-012	PL	Obliquely disposed insulation displacement contact	P-307780	3/21/95	176764	2/4/99
	94-021	PL	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	P-309274	6/23/95	176734	4/4/99
	94-031	PL	Protection plug	P-310616	9/22/95	178044	9/7/99
	94-039	PL	Charge detection in a telephone network	P-313789	7/12/95		
	95-012	PL	Distribution device for telecommunications and data technique	P-316247	9/24/96	180428	8/30/00
	95-013	PL	Termination device for the telecommunication and data technique	P-316299	9/26/96		
	95-016	PL	Terminal block for high transmission rates	P-316250	9/24/96	181162	1/9/01
	95-019	PL	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	P-316301	9/26/96		
	96-001	PL	Electronic access control and security system	P-318801	3/5/97	181796	4/4/01
	96-005	PL	Management-capable splice cassette	P-318825	3/6/97	183649	1/11/02
	96-006	PL	Earthing module	P-319473	4/14/97		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-007	PL	Termination tool	P-319528	4/17/97		
	96-011	PL	High density high performance connector	P-320055	5/19/97		
	96-013	PL	Connecting terminal	P-321119	7/14/97		
	96-018	PL	Clamping device	P-323208	11/18/97	183073	10/18/01
	96-019	PL	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	P-323294	11/24/97	184976	9/2/02
	96-025	PL	Wall for the casing or the door of a cabinet, especially for electric or electronic assemblies	P 320243	5/28/97	182952	9/28/01
	97-002	PL	Outdoor housing	P-325149	3/5/98	190585	5/30/05
	97-003	PL	Protection Plug	P-324936	2/20/98	188806	9/8/04
	97-008	PL	Arrangement of contact pairs for compensation of near-end crosstalk	P-325 141	3/2/98		
	97-012	PL	Distribution block for telecommunication and data technology	P-325220	3/9/98		
	97-013	PL	Stationary housing with wall elements made of plastic	P-325 268	3/11/98		
	97-016	PL	Overvoltage protection module	P-326181	5/6/98		
	97-018	PL	Overvoltage protection plug with fail-safe device	P-326480	5/26/97		
	97-019	PL	Interface module	P-326545	5/28/98		
	97-023	PL	Method for designing a telecommunications and data network	P-338732	8/6/98		
	98-002	PL	Support body for an electrical contact arrangement	P-341821	1/21/99		
	98-013	PL	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	P-344290	5/12/99	197490	9/20/07
	98-022	PL	Cable manager for multi-core cable	PCT/EP99/05 831	8/10/99		
	98-024	PL	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06 008	8/19/99		
	98-025	PL	Shielding device for connection strips in telecommunications and data engineering	P-347695	10/14/99		
	99-006	PL	Device for mounting terminal strips for telecommunication, control power and data technology	P-350573	2/29/00	198469	12/21/07
	99-007	PL	Connector element with closure device	PCT/EP00/02 122	3/10/00		
	99-017	PL	Connecting cable with an electrical plug connection	P-355632	11/16/00	202485	1/26/09

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	ITRACS001	PL	A System for Monitoring Connection Pattern of Data Ports	P384235	4/5/00		
	MP1476	PL	Oval Port Seal	P312665	7/21/94		
	MP1511	PL	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	P317330	5/30/95		
	MP1514	PL	Environmental Protection Device With Manually Operated Latch Mechanism	P-317430	5/17/95		
	NC019	PL	Telecommunications Terminal		2/7/95		
	NC044	PL	Fiber Optic Splice Closure Including Side Pivoting Slack Storage Holder And Associated Methods	P347822	11/12/99		
	NC045	PL	Fiber Optic Splice Closure Including End Pivoting Slack Storage Holder And Associated Methods	P347820	11/12/99		
02316.3882PLEP	E-TO-00009	PL	Electrical Connector with Crosstalk Compensation	05849935.1	12/16/05	1829168	5/14/08
02316.3887EPWO	E-TO-00088	PL	Receptacle with Crosstalk Optimizing Contact Array	07752799.2	3/9/07	1997195	5/6/15
02316.3998PLWO	MP1492	PL	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	P-317048	4/6/95	175966	5/10/99
02316.3999PLW2	MP1374C	PL	Gel Filled Modular Electrical Connecting Block	309977	1/12/94	174319	12/9/97
09010-8PL	E-TO-00029	PL	Modular Plug with Slider Latch	06825360.8	10/2/06	1932219	4/1/09
2316.1006/01		PL	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	P 349569	1/3/00		
2316.1007/I1		PL	TELECOMMUNICATIONS JACK ASSEMBLY	P-349663	1/4/00		
2316.1910/WO		PL	Communication wire	374690	9/8/03		
2316.2298/U1		PL	OPTICAL FIBER DROP TERMINAL	10178297.7	11/2/05	2259115	7/31/13
5487.225.WO	E-TO-00027	PL	Optical Fiber Repair Apparatus with Adjustable Guide Member and Methods for Using the Same	06740128.1	3/30/06	1872164	5/5/10
15672		PL	AUTOMATIC TOOL FOR MICRO-CONNECTOR	304058	6/30/94		
40256		PL	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	P311470	11/23/95		
WR147		PL	Modified Ezam Cable Duct Seal For Vault Closure				
WR148		PL	Hand Operated Multiple Wire Connector With Guide Slots	P304714	2/12/93		
WR155		PL	Silicone Rubber Seal For Box				
WR165		PL	Catv Box For In-Line/Butt Connection	P313253	8/23/94	175206	12/23/98

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR166		PL	Shaped Silicone Rubber Seal For Uteic Closure	P313163	8/23/94		
WR168		PL					
WR171		PL	Catv Tap With Switch	P319434	9/26/95		
100.0051		PT	PERFORMANCE MONITORING AND FAILURE ISOLATION IN A POINT-TO-MULTIPOINT COMMUNICATION NETWORK	94902250.3	11/15/93	0 702 870	9/1/99
100.0937		PT	Distribution of radio-frequency signals through low bandwidth infrastructures	97922450.8	4/18/97	0 894 369	2/18/04
100.0972		PT	Cellular base station with intelligent call routing	96913256.2	4/29/96	0 824 836	7/11/01
2316.0172		PT	OPTICAL SWITCH	90,461	5/4/89		
2316.0488		PT	HIGH-DENSITY FIBER DISTRIBUTION FRAME	95903533.8	11/16/94	0 740 803	1/27/99
2316.0488		PT	HIGH-DENSITY FIBER DISTRIBUTION FRAME	98112420.9	11/16/94	0 871 047	4/16/03
2316.0691		PT	SWITCHING COAX JACK DEVICE	98913075.2	3/23/98	0 972 320	6/12/02
2316.0753		PT	DSX MODULE WITH REMOVABLE JACK	98908667.3	2/23/98		
2316.1009		PT	DSX MODULE WITH REMOVABLE JACK	00920005.6	3/31/00	1 169 753	5/14/03
	03-010	PT	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	00-001	PT	Shielding device for terminal blocks	00126936.4	12/8/00	1117158	2/13/08
	00-002	PT	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-004	PT	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-007	PT	Electrical connector with spaced contact portions	01940348.4-1231	4/25/01		
	00-008	PT	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01	1290760	11/12/03
	00-009	PT	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-012	PT	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-013	PT	Connection module	01117086.7	7/13/01		
	00-015	PT	Electrical Connector	01956564.7-2217	7/26/01	1312137	5/25/05
	00-017	PT	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05
	00-018	PT	Plastic patch panel	01985780.4	9/24/01		
	00-019	PT	Optical Fibre Connection Housing	01982343.4-1524	9/24/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	01-004	PT	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	01-005	PT	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	02-003	PT	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	02-004	PT	Device for an optical-fiber connection	03727357.0-1234	4/25/03	1502142	6/28/06
	03-001	PT	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	03-003	PT	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-004	PT	Glass-fiber coupler module	04723539.5	3/26/04	1613993	12/5/07
	03-005	PT	Conductor connection module for printed circuit boards	04740236.7-2214	6/24/04	1649549	11/2/06
	03-006	PT	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-013	PT	Construction kit for distribution cabinets	04006018.8	3/12/04	1458073	1/3/07
	04-004	PT	Connection module for telecommunications and data technology	05776552.1	8/30/05	1787481	5/27/09
	04-012	PT	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	PT	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-010	PT	Protective plug for distribution frame devices for telecommunications and data technology	06754344.7	6/13/06	1894281	9/14/11
	05-011	PT	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	PT	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	14305	PT	CYLINDRICAL INSULATION DISPLACING CONNECTOR	90940	6/22/89	90940	12/13/93
	82-035	PT	Terminal element for cable wires and drop wire cables	78423	4/13/84	78423	4/29/86
	83-040	PT	A terminal strip	77681	11/17/83	77681	2/12/86
	83-140	PT	A cable distribution head	77682	11/17/83	77682	2/12/86
	83-142	PT	A heat protection device for over-voltage arrester magazines	77721	11/24/83	77721	3/27/86
	84-147	PT	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	78801	6/27/84	78801	7/11/86
	86-019	PT	Connector bank for cable wires, in particular for telephone cables	84787	4/29/87	84.787	6/14/89

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	86-064	PT	A casing, particulary a junction-box casing for telecommunications engineering	85331	7/15/87	85.331	1/13/93
	86-069	PT	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	86272	12/2/87	86272	7/19/93
	87-077	PT	Device for holding connector banks in telecommunication systems	88313	8/19/88	88313	9/1/93
	88-006	PT		87271	4/19/88	87271	
	88-086	PT	Tool for connecting cable wires	89641	2/3/89	89641	6/1/93
	90-012	PT	Cutting Clamping Contact	97835	5/31/91	97835	9/7/98
	90-015	PT	Protective circuit and protective device plug for telecommunication installations	98241	7/5/91		
	91-001	PT		100068	1/29/92		
	91-010	PT		92108267.3	5/15/92		
	91-011	PT	Insulation displacement contact terminal	92111624.0	7/9/92	0525457	3/6/96
	91-013	PT	Terminal bank for the telecommunication and data technology	92111854.3	9/9/92	0529267	6/16/99
	91-014	PT	Cutting and clamping sleeve contact	9211972.3	7/14/92	0531664	1/31/96
	91-022	PT	Switching assembly for glass fibre cables of the telecommunication and data technology	92113177.7	8/3/92	0536496	2/11/98
	91-029	PT		92109367.0	6/3/92	0528125	9/7/94
	92-006	PT	Cutting and clamping Terminal Element	93101539.0	2/2/93	0558937	1/3/96
	92-009	PT			2/24/93		
	92-013	PT	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	93106602.1	4/23/93	0582779	1/3/96
	92-014	PT	Split flap display device	93110150.5	6/25/93	0583577	1/3/96
	92-015	PT	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	93112697.3	8/7/93		
	92-019	PT	Method for elctronically labelling articel	93250311.3	11/10/93		
	92-021	PT		93115054.4	9/18/93	0601290	6/4/97
	92-022	PT	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	93114996.7	9/17/93	0601289	11/27/96

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-024	PT	Signal-connector with capacitive adjustment for improved crosstalk parameters	93113952.1	9/1/93	0598192	1/8/97
	92-025	PT	Method and arrangement for optically representing information	93114019.8	9/2/93		
	92-026	PT	Method and arrangement for establishing networks of electro-optical display-field modules	93116523.7	10/13/93		
	93-006	PT		931119488.0	12/3/93		
	93-008	PT	Termination device for the communication and data technique	93119249.6	11/30/93		
	93-009	PT	Distribution device, in particular for the main distribution device of telephone and data lines	93119583.8	12/4/93	0618741	3/18/98
	93-015	PT	Cable branching device	94103854.9	3/14/94	0623832	5/27/98
	93-017	PT	Method for monitoring the filing levels of material of value collection containers	94105657.4	4/13/94		
	93-020	PT	Termination module	94105314.2-2214	4/6/94	0632527	1/20/99
	93-023	PT	Connection block for high speed transmission in the telecommunication and data system	94108404.8	6/1/94	0637097	9/2/98
	93-028	PT	Clamping Terminal unit	94112249.1	8/5/94	0643454	1/14/98
	93-030	PT	Terminal block	94113179.3	8/24/94	0645841	11/11/98
	93-032	PT	Electrical Plug Connector	94114414.9	9/14/94		
	93-033	PT		94114068.3	9/8/94		
	93-034	PT	Termination unit for telecommunication and data lines	94116632.4	10/21/94		
	93-036	PT	Coupling device between a glass fibre and a dielectric waveguide	94117310.6	11/3/94		
	94-003	PT	Digital electronic Loop Crossconnect & Carrier System	94117980.6	11/25/94		
	94-005	PT	Separation spark gap for limiting the maximum voltage on a surge arrester	94118945.8	12/1/94	0665619	3/5/97
	94-006	PT	Winding cartridge	94108836.1	6/9/94		
	94-007	PT	Insulation displacement contact element	94117060.7	10/28/94	0665614	4/19/00
	94-009	PT		94119809.5	12/15/94	0667650	9/9/98
	94-012	PT	Obliquely disposed insulation displacement contact	95100738.4-2214	1/20/95	0675564	9/30/98
	94-015	PT	Housing for optical components	95102617.8	2/24/95	0679917	1/19/00
	94-018	PT	Automatic distribution device for telecommunication and data lines	95106047.4	4/22/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-019	PT	Distribution apparatus, particularly for the main distributor of telecommunications or data lines	95107287.5	5/13/95		
	94-021	PT	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95105067.3	4/5/95	0690539	7/7/99
	94-022	PT	Electrical Plug Connector	95106785.9	5/5/95	0693801	8/26/98
	94-025	PT	Printed Circuit Board for Connectors	95108378.1	6/1/95	0697804	2/9/00
	94-026	PT	Flip-over Display Module	95109294.9	6/16/95		
	94-027	PT	Manufacturing process for structured metal plating on surfaces	94113917.2	9/6/94	0643153	6/19/96
	94-031	PT	Protection plug	95109298.0	6/16/95	0706194	9/3/97
	94-032	PT	Terminal element	95109771.6	6/23/95	0706234	11/24/99
	94-035	PT	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	95111172.3	7/15/95		
	94-036	PT	Cable protection element	95106431.0	4/28/95		
	94-037	PT	19"Racking system	95106430.2-2207	4/28/95		
	95-006	PT	Electrical Connectors	96105422.8	4/4/96		
	95-009	PT	Switching field	96112250.4-2302	7/30/96	0758792	10/17/01
	95-010	PT	Electrical Connector	96112491.4	8/2/96		
	95-012	PT	Distribution device for telecommunications and data technique	96113135.6	8/16/96		
	95-013	PT	Termination device for the telecommunication and data technique	96114423.5-2209	9/10/96		
	95-016	PT	Terminal block for high transmission rates	96111904.7-2308	7/24/96	0766352	11/29/00
	95-017	PT	Connecting device for telecommunication and data technique	96110940.2-2308	7/6/96		
	95-019	PT	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96113454.1-2209	8/22/96		
	95-020	PT	Automatic re-arrangement and distribution device for telecommunication and data lines	96115100.8	9/29/96		
	95-022	PT	Main distribution frame MDF	96920705.9	6/26/96		
	96-001	PT	Electronic access control and security system	97101244.8	1/28/97		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-002	PT	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97101240.6	1/28/97	0797379	9/18/02
	96-005	PT	Management-capable splice cassette	97101253.9	1/28/97		
	96-006	PT	Earthing module	97104914.3-2308	3/22/97		
	96-007	PT	Termination tool	97104913.5-2308	3/22/97		
	96-011	PT	High density high performance connector	97108131.0	5/20/97		
	96-013	PT	Connecting terminal	97111592.8	7/9/97	0837525	11/8/00
	96-018	PT	Clamping device	97118901.4	10/30/97	0844694	3/1/00
	96-019	PT	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-020	PT	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	96-021	PT	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	97118903.0	10/30/97	0849850	7/11/01
	97-002	PT	Outdoor housing	98102656.0	2/17/98	0863593	8/29/01
	97-003	PT	Protection Plug	98102655.2	2/17/98	0862197	6/9/99
	97-008	PT	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-011	PT	Cable fastening	98102653.7	2/17/98		
	97-012	PT	Distribution block for telecommunication and data technology	98103424.2	2/27/98		
	97-013	PT	Stationary housing with wall elements made of plastic	98103423.4	2/27/98		
	97-016	PT	Overvoltage protection module	98107492.5	4/24/98		
	97-017	PT	Safety Plug (Terminator)	98107586.4	4/25/98		
	97-018	PT	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-019	PT	Interface module	98107578.1	4/25/98		
	97-022	PT		98114148.4	7/29/98		
	97-023	PT	Method for designing a telecommunications and data network	98948732.7	8/6/98		
	97-025	PT	Casing	98117540.9	9/16/98	0910146	5/25/05
	97-028	PT	Apparatus for connecting cable cores	98119013.5	10/8/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	97-030	PT	High Frequency Cable	98964444.8	11/27/98		
	97-031	PT	Electrical power outlet with IDC connections	98121647.6	11/12/98	0921611	6/4/03
	97-032	PT	Patch Panel with retractable patch cord	98123266.3	12/7/98		
	98-001	PT	Optical fibre connector	98960871.6	12/8/98		
	98-002	PT	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-004	PT	Casing	99101294.9	1/25/99	0938163	4/27/05
	98-005	PT	Clamping element for cable shielding	99104341.5	3/4/99	0944132	12/20/00
	98-010	PT	Electrical Connector	99107064.0	4/10/99	0952635	8/24/05
	98-013	PT	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	PT	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-023	PT	Electrical Connector	99112489.2	7/1/99		
	98-024	PT	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	98-025	PT	Shielding device for connection strips in telecommunications and data engineering	99952571.0	10/14/99		
	99-001	PT	Connection element for cable conductor	99121852.0	11/4/99	1018786	9/19/01
	99-002	PT	Surge arrester mounting unit for telecommunications and data systems equipment	99121037.8	10/21/99		
	99-004	PT	Overvoltage protection element	99125286.7	12/18/99		
	99-006	PT	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07
	99-007	PT	Connector element with closure device	00916921.0	3/10/00		
	99-009	PT	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-010	PT	Traction relief device for a wire	00110099.9	5/13/00		
	99-014	PT	Frontpanel for LWL-modules	00115726.2-2205	7/21/00		
	99-017	PT	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	99-018	PT	Electrical Connector	00124720.4	11/13/00		
	99-019	PT	Distribution cabinet	99121185.5	10/22/99	1047167	9/17/03

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	ITRACS001	PT	A System for Monitoring Connection Pattern of Data Ports	00919250	4/5/00	1173811	9/13/06
	ITRACS001	PT	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
	MP1064	PT	Optical Fiber Distribution Network	82957	7/10/86		
	MP1374C	PT	Gel Filled Modular Electrical Connecting Block	94906610.4	1/12/94	0680666	6/9/99
	MP1374C	PT	Gel Filled Modular Electrical Connecting Block	98203335.9	1/12/94	0892467	4/16/03
	NC022	PT	Improved Idc Having Wire Slippage Control	97937300.8	8/14/97	0919073	10/31/01
2316.1011/I2		PT	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	00939275.4	2/16/00	1 166 161	11/26/03
2316.1011/I4		PT	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	00964881.7	5/25/00	1185897	12/13/06
2316.2298/U1		PT	OPTICAL FIBER DROP TERMINAL	10178297.7	11/2/05	2259115	7/31/13
15396		PT	IMPROVED SHIELDED ELECTRICAL CONNECTOR	93306228.3	8/6/93	587303	10/21/98
WR156		PT	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	93919538.4	9/14/93		
WR160		PT	Catv Splitter With Variable Attenuation	94903960.6	1/6/94		
WR163		PT	Uteic With Dust Flap	94919793.3	7/8/94		
WR164		PT	Uteic Cable Gripper With Self-Centring	94902984.7	1/6/94		
WR166		PT	Shaped Silicone Rubber Seal For Uteic Closure	94924915.5	8/23/94		
WR168		PT		94931106.2	10/27/94		
WR172		PT	Catv Tap With Power Tap-Off	95932823.8	9/26/95		
	81-008	PY		2962	6/14/84	3.164	
	82-035	PY	Terminal element for cable wires and drop wire cables	2961	6/14/84	3.161	10/15/84
	84-147	PY	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	29/84	7/20/84	3.294	6/3/88
	86-019	PY	Connector bank for cable wires, in particular for telephone cables	23/87	4/29/87	3.338	10/13/88
	86-069	PY	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	66/87	12/3/87	3.345	11/24/88
	99-013	PY	Interconnection device for telephone/data lines with tool less wire termination and easy disconnection for testing		7/5/00		
	99-016	PY	STC-Module	193/2000	11/8/00		
2316.3395		QA	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing				

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0372		RO	MINIATURE COAX JACK MODULE	94-01595	7/14/92	119169	7/29/05
2316.1747		RO	POWER DISTRIBUTION PANEL WITH MODULAR INSERTS	03790469.5	12/12/03	1579748	7/29/09
	03-010	RO	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	MP1492	RO	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	96-01959	4/6/95		
	00-002	RO	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-004	RO	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-007	RO	Electrical connector with spaced contact portions	01940348.4-1231	4/25/01		
	00-009	RO	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-015	RO	Electrical Connector	01956564.7-2217	7/26/01	1312137	5/25/05
	00-020	RO	Distribution cabinet	01919316.8-2214	2/20/01	1264522	8/17/05
	02-004	RO	Device for an optical-fiber connection	03727357.0-1234	4/25/03	1502142	6/28/06
	03-001	RO	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	03-003	RO	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-006	RO	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-012	RO	Slipover distribution cabinet	04713893.8	2/24/04	1597804	1/17/07
	03-013	RO	Construction kit for distribution cabinets	04006018.8	3/12/04		
	04-012	RO	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	RO	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	RO	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	RO	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	93-023	RO	Connection block for high speed transmission in the telecommunication and data system	94-01247	7/22/94	112938	3/10/98
	94-031	RO	Protection plug	95-01566	9/6/95	112451 C1	8/29/97
	94-039	RO	Charge detection in a telephone network	C/669	7/12/95		
	95-013	RO	Termination device for the telecommunication and data technique	96-01858	9/24/96	112939	12/31/97

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	95-019	RO	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96-01859	9/24/96		
	96-006	RO	Earthing module	97-00666	4/4/97		
	96-007	RO	Termination tool	97-00667	4/4/97		
	96-011	RO	High density high performance connector	97-00924	5/20/97		
	96-013	RO	Connecting terminal	97-01868	10/9/97		
	96-018	RO	Clamping device	97118901.4	10/30/97	0844694	3/1/00
	96-019	RO	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-020	RO	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	96-025	RO	Wall for the casing or the door of a cabinet, especially for electric or electronic assemblies	97108562.6	5/28/97	0810704	1/24/01
	97-002	RO	Outdoor housing	98102656.0	2/17/98	0863593	8/29/01
	97-003	RO	Protection Plug	98102655.2	2/17/98	0862197	6/9/99
	97-008	RO	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-012	RO	Distribution block for telecommunication and data technology	98103424.2	2/27/98		
	97-013	RO	Stationary housing with wall elements made of plastic	98103423.4	2/27/98		
	97-016	RO	Overvoltage protection module	98107492.5	4/24/98		
	97-018	RO	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-030	RO	High Frequency Cable	98964444.8	11/27/98		
	98-001	RO	Optical fibre connector	98960871.6	12/8/98		
	98-002	RO	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-013	RO	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	RO	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-024	RO	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	98-025	RO	Shielding device for connection strips in telecommunications and data engineering	99952571.0	10/14/99		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	99-006	RO	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07
	99-009	RO	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-010	RO	Traction relief device for a wire	00110099.9	5/13/00		
	99-017	RO	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	99-019	RO	Distribution cabinet	99121185.5	10/22/99	1047167	8/7/03
	ITRACS001	RO	A System for Monitoring Connection Pattern of Data Ports		4/5/00	121496	7/30/08
	MP1374C	RO	Gel Filled Modular Electrical Connecting Block	95-01334	1/12/94		
	MP1431	RO	Hybrid Fiber In The Loop Telephony System	94-01462	2/22/93		
	MP1511	RO	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	96-02257	5/30/95		
	NC011	RO	Telecommunications Network Interface Assembly				
	NC019	RO	Telecommunications Terminal		2/7/95		
	NC044	RO	Fiber Optic Splice Closure Including Side Pivoting Slack Storage Holder And Associated Methods	a/2001-00522	11/12/99		
	NC045	RO	Fiber Optic Splice Closure Including End Pivoting Slack Storage Holder And Associated Methods	a/2001-00523	11/12/99	121058	8/8/07
2316.1006/01		RO	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	2001 00796	1/3/00		
2316.1007/I1		RO	TELECOMMUNICATIONS JACK ASSEMBLY	2001 00801	1/4/00		
WR147		RO	Modified Ezam Cable Duct Seal For Vault Closure				
WR148		RO	Hand Operated Multiple Wire Connector With Guide Slots				
WR155		RO	Silicone Rubber Seal For Box	9500192	8/11/93		
WR165		RO	Catv Box For In-Line/Butt Connection	9600363	8/23/94		
WR166		RO	Shaped Silicone Rubber Seal For Uteic Closure	9600362	8/23/94		
WR168		RO					
	09-011	RS	Terminal strip	10712336.6	3/26/10	P-2014/0132	3/12/14
	00-015	RS	Electrical Connector	P-116/03	7/26/01	49799	10/29/07
	03-002	RS	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	P-05-0693	2/27/04	50882	3/26/10
	04-004	RS	Connection module for telecommunications and data technology	05776552.1	8/30/05	1787481	5/27/09

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	04-012	RS	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	RS	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	RS	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	RS	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	96-020	RS	Terminal, isolating or connecting strip	P-97-0479	12/9/97	48988	1/15/03
	97-003	RS	Protection Plug	P98-0081	2/27/98	48923	9/5/02
	98-013	RS	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	P-713/00	5/12/99	49373	5/23/05
	99-017	RS	Connecting cable with an electrical plug connection	P-422/02	11/16/00	49811	8/7/08
2316.1910/WO		RS	Communication wire	P-243/05	9/8/03		
2316.0372		RU	MINIATURE COAX JACK MODULE	94043429	7/14/92	2,088,006	8/20/97
2316.0951		RU	FIBER OPTIC ADAPTER, INCLUDING HYBRID CONNECTOR SYSTEM	010055826	11/10/99	N002870	10/31/02
2316.1017		RU	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	2001124804	2/10/00		
2316.1519		RU	JACK; JACK ASSEMBLY; AND METHODS	200400084	7/9/02	007249	8/25/06
2316.1737		RU	10/100 MBS NETWORK DEVICE	2006113702	9/21/04	2372735	11/10/09
2316.2290		RU	TELECOMMUNICATIONS PATCH PANEL	2009101921	6/5/07		
2316.2397		RU	THREADED CONNECTOR AND PATCH CORD HAVING A THREADED CONNECTOR	2009111255	8/21/07		
2316.2460		RU	HARDENED FIBER OPTIC CONNECTOR	2009131723	1/23/08	2488858	7/27/13
2316.2498		RU	HARDENED FIBER OPTIC ADAPTER	2009131721	1/3/08		
2316.2802		RU	METHODS AND SYSTEMS FOR DISTRIBUTING FIBER OPTIC TELECOMMUNICATIONS SERVICES TO LOCAL AREA	2011101738	6/19/09		
2316.2949		RU	RAPID UNIVERSAL RACK MOUNT DRAWER	2012106142	7/21/10		
2316.3057		RU	Fiber Optic Cable Assembly	2012125622	11/19/10		
2316.3145		RU	TELECOMMUNICATIONS ASSEMBLY	2013102860	6/23/11		
2316.3169		RU	System and Method for Anchoring Fiber Optic Cables to Provide Strain Relief	2013124025	10/26/11		
2316.3185		RU	FIBER OPTIC CABLE WITH ELECTRICAL CONDUCTORS	2013135716	2/14/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3201		RU	Strain Relief Boot for a Fiber Optic Connector	2013145938	3/15/12		
2316.3201		RU	Strain Relief Boot for a Fiber Optic Connector	2013145938	3/15/12		
2316.3202		RU	FIBER OPTIC CONNECTOR FOR 1.2 MM CABLE	2013145940	3/15/12		
2316.3207		RU	FIBER OPTIC CASSETTE, SYSTEM, AND METHOD	2014118478	10/5/12		
2316.3244		RU	FIBER LOCKING IN CABLE TERMINATION	2014106491	7/19/12		
2316.3259		RU	MULTI-FIBER CONNECTOR WITH SIDE LOADING OF FERRULE	2014125253	10/30/12		
2316.3395		RU	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	2014138122	2/20/13		
2316.3399		RU	FIBER OPTIC ADAPTER BLOCK				
2316.3554		RU	FIBER OPTIC CASSETTE	2015111895	9/25/13		
2316.3555		RU	MANUFACTURE AND TESTING OF FIBER OPTIC CASSETTE	2015111894	9/25/13		
	ITRACS001	RU	A System for Monitoring Connection Pattern of Data Ports	2001128231	4/5/00	2251147	4/27/05
	03-002	RU	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	2005131432	2/27/04	2309546	10/27/07
	03-006	RU	Distribution board connection module	2006110045	8/12/04	2309496	10/27/07
	04-002	RU	Plug connector for printed circuit boards	2006139022	3/19/05	2322740	4/20/08
	05-017	RU	Method and device for coupling optical fibers	2008122914	11/2/06	2425403	7/27/11
	08-030	RU	Apparatus for accommodating components from telecommunications and data technology	2011126185	10/27/09	2499362	11/20/13
	09-003	RU	Overvoltage protection magazine or plug and method for the production of an overvoltage protection magazine or plug	2011139338	12/18/09		
	09-008	RU	Patch panel for an optical distribution frame	2011141841	12/16/09	2495460	10/10/13
	10-018	RU	Overvoltage protection magazine	2013128596	11/2/11		
	11-001	RU	Fiber-optic connection arrangement and adapter sleeve	2013142285	2/10/12		
	11-005	RU	Distribution connection module	2013154775	12/2/11		
	11-007	RU	Distribution strip and distribution block comprising at least two distribution strips	2013155859	3/28/12		
	11-009	RU	Tool for connecting cable cores	2013158214	6/8/12		
	11-008	RU	Tool for connecting cable cores	2013158215	6/8/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	11-014	RU	Surface-Mountable Enclosure	2014107460	7/26/12		
	NC015	RU	Apparatus Comprising Inductive And/Or Power Transfer And/Or Voltage Multiplication Components	97119059	4/11/96		
	07-036	RU	Distribution cabinet with a plurality of inner bodies	2009137795	3/13/08	2456726	7/20/12
	00-004	RU	Duplex connector for fiber clips	2002130720	3/21/01	2247415	2/27/05
	00-015	RU	Electrical Connector	2003107056	7/26/01	2258987	8/20/05
	00-017	RU	Coupling device for glass fiber connectors	2003112238	9/21/01	2277252	5/27/06
	01-004	RU	Universal adapter	2004108207	7/27/02	2288492	11/27/06
	02-003	RU	Coupling for optical-fiber connectors	2004135316	4/25/03	2318227	2/27/08
	04-003	RU	Electrical connection module	2007111909	8/24/05	2335835	10/10/08
	04-010	RU	Distribution board connection module	2007120761	10/31/05	2339135	11/20/08
	04-011	RU	Distribution board connection module	2007120760	10/31/05	2334323	9/20/08
	04-012	RU	Plug-in connector for printed circuit boards	2007120762	10/31/05	2345456	1/27/09
	05-005	RU	Plug connection	2007140866	3/1/06	2370868	10/20/09
	05-008	RU	Active distribution device in the subscriber access area	2007147005 PCT/EP20	5/11/06		
	05-009	RU	Distribution device in the subscriber access area	2007147003 PCT/EP20	5/11/06		
	05-011	RU	Insulation displacement connector and equipment for telecommunications and data technology	2008106609 PCT/EP20	7/17/06	2391752	6/10/10
	06-007	RU	Symmetrical data cable for communications and data engineering Symmetrical data cable for communications and data engineering	2009107226	7/18/07	2426186	8/10/11
	07-025	RU	Connecting strip and contact element for telecommunications and data technology	2009149173	5/16/08		
	08-017	RU	Distribution board connection module for telecommunications and data technology	2011105630	6/15/09	2470422	12/20/12
	09-005	RU	Strain relief device	2011140841	12/16/09		
	41234	RU	Electrical Connector for Data and Energy Supply	2006123342	11/15/04	2344525	1/20/09
	41235	RU	Connector Socket	2006121351	11/15/04		
	85-003	RU		4027641/07	6/10/86		
	86-064	RU	A casing, particulary a junction-box casing for telecommunications engineering	4202855/09	6/30/87	1724023	3/30/92

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	86-066	RU	Cutting/clamping terminal element for electrical conductors	4203642	11/5/87	1724022	3/30/92
	87-077	RU	Device for holding connector banks in telecommunication systems	4356206/21	8/9/88	2010469	3/30/94
	88-086	RU	Tool for connecting cable wires	88730250.3	2/3/89	1736351	5/23/92
	88-088	RU	Protective plug for connector or disconnector banks	4613860	4/14/89	1836760	8/23/93
	88-092	RU		4356552	9/28/88		
	88-095	RU	Contact member of electrical conductors	4614891/07	9/13/89	1743376	6/23/92
	89-010	RU	Wire connector for cable wires, in particular of telecommunication cables	4831554/07	11/14/90	2024132	11/20/94
	90-006	RU	Connecting block for the telecommunication and data technology	4894713.07	3/12/91	2036541	5/27/95
	90-011	RU	Terminal block for telecommunications systems	4895280.07	5/8/91	2092945	10/10/97
	90-012	RU	Cutting Clamping Contact	4895415.07	5/27/91	1838853	8/30/93
	90-015	RU	Protective circuit and protective device plug for telecommunication installations	5001248.07	8/13/91	2029426	2/20/95
	91-010	RU		5052041.09	7/26/92		
	91-013	RU	Terminal bank for the telecommunication and data technology	5052395.21	8/21/92	2077096	4/10/97
	91-014	RU	Cutting and clamping sleeve contact	5052459.07	9/11/92		
	91-030	RU		5052077.07			
	92-004	RU	Case, in particular cable branching case	93004559.07	2/26/93		
	92-014	RU	Split flap display device	93043252.00	8/19/93		
	92-019	RU	Method for elctronically labelling articel	93051077.00	11/12/93		
	92-022	RU	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	93054510.00	12/7/93	2105397	2/20/98
	93-006	RU		94002315.00	1/27/94		
	93-009	RU	Distribution device, in particular for the main distribution device of telephone and data lines	94004996.00	2/18/94		
	93-015	RU	Cable branching device	94008621.07	3/16/94	2127014	2/27/99
	93-020	RU	Termination module	94012552.07	4/12/94	2091930	9/27/97
	93-023	RU	Connection block for high speed transmission in the telecommunication and data system	94026266.07	7/26/94	2137273	9/10/99
	93-030	RU	Terminal block	94034373.00	9/23/94	2123745	12/20/98

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	93-032	RU	Electrical Plug Connector	94035680.00	10/4/94		
	93-036	RU	Coupling device between a glass fibre and a dielectric waveguide	94044486.00	12/21/94		
	93-040	RU	Process for reducing the tearability of a thermally shrinkable web	94009837.00			
	94-003	RU	Digital electronic Loop Crossconnect & Carrier System	94044349.00	3/29/94		
	94-006	RU	Winding cartridge	94033988.00	9/19/94	2096838	11/20/97
	94-007	RU	Insulation displacement contact element	95101049.00	1/30/95	2137270	9/10/99
	94-012	RU	Obliquely disposed insulation displacement contact	95104323	3/28/95	2092943	10/10/97
	94-015	RU	Housing for optical components	95106483	4/24/95	2097805	11/27/97
	94-018	RU	Automatic distribution device for telecommunication and data lines	95109923.00	6/14/95	2144744	1/20/00
	94-021	RU	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95110754.00	6/29/95	2188490	8/27/02
	94-025	RU	Printed Circuit Board for Connectors	95113087.00	7/19/95	2150799	6/10/00
	94-031	RU	Protection plug	95116846.00	9/27/95	2107975	3/27/98
	94-032	RU	Terminal element	95116847.00	9/27/95	2137271	9/10/99
	94-039	RU	Charge detection in a telephone network	96108961	7/12/95		
	95-009	RU	Switching field	96115467	8/15/96		
	95-012	RU	Distribution device for telecommunications and data technique	96120363	9/25/96	2161378	12/27/00
	95-013	RU	Termination device for the telecommunication and data technique	96120365	9/25/96		
	95-016	RU	Terminal block for high transmission rates	96119843	9/27/96	2174275	9/27/01
	95-019	RU	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96118641	9/18/96		
	95-020	RU	Automatic re-arrangement and distribution device for telecommunication and data lines	96120359	9/27/96	2179378	2/10/02
	96-001	RU	Electronic access control and security system	97103421	3/5/97		
	96-002	RU	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97103818	3/17/97		
	96-005	RU	Management-capable splice cassette	97103627	3/13/97	2190867	10/10/02

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-011	RU	High density high performance connector	97108097	5/21/97	2172048	8/10/01
	96-013	RU	Connecting terminal	97117457	10/14/97	2189678	9/20/02
	96-018	RU	Clamping device	97119461	11/21/97	2146845	3/20/00
	96-019	RU	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97121513	12/9/97		
	96-020	RU	Terminal, isolating or connecting strip	97120292	12/8/97	2177664	12/27/01
	96-021	RU	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	97122129	12/19/97	2142186	11/27/99
	97-002	RU	Outdoor housing	98104145	3/6/98	2212836	9/27/03
	97-003	RU	Protection Plug	98103294	2/24/98	2180153	2/27/02
	97-008	RU	Arrangement of contact pairs for compensation of near-end crosstalk	98104445	2/25/98		
	97-012	RU	Distribution block for telecommunication and data technology	98104768	3/10/98		
	97-013	RU	Stationary housing with wall elements made of plastic	98104464	3/11/98	2169996	6/27/01
	97-016	RU	Overvoltage protection module	98108982	5/7/98		
	97-018	RU	Overvoltage protection plug with fail-safe device	98110070	5/29/98		
	97-025	RU	Casing	98118909	10/16/98	2211550	8/27/03
	97-032	RU	Patch Panel with retractable patch cord	98123595	12/25/98	2194345	12/10/02
	98-002	RU	Support body for an electrical contact arrangement	2000122443	1/21/99		
	98-010	RU	Electrical Connector	99108720	4/19/99	2231183	6/20/04
	98-013	RU	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	2000132217	5/12/99	2217848	11/27/03
	98-022	RU	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-024	RU	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-025	RU	Shielding device for connection strips in telecommunications and data engineering	2001117233	10/14/99		
	99-006	RU	Device for mounting terminal strips for telecommunication, control power and data technology	PCT/EP00/01685	2/29/00		
	99-007	RU	Connector element with closure device	PCT/EP00/02122	3/10/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	99-017	RU	Connecting cable with an electrical plug connection	PCT/EP00/11348	11/16/00		
	MP0766	RU	Fiber Optic Splicing	3524056/10	4/27/82		
	MP1374C	RU	Gel Filled Modular Electrical Connecting Block	95122694	1/12/94	2118022	8/20/98
	MP1431	RU	Hybrid Fiber In The Loop Telephony System	94046384	2/22/93		
	MP1511	RU	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	97100155	5/30/95		
	MP1514	RU	Environmental Protection Device With Manually Operated Latch Mechanism	97100146	5/17/95		
02316.3392RUWO	TO-00402	RU	Portable Device for Attaching a Connector to an Optical Fiber	2013142283	2/7/12		
02316.3413RUWO	TO-00509	RU	Optical Fiber Connection System Including Optical Fiber Alignment Device	2014136393	2/6/13		
02316.3835RUWO	E-TO-00125	RU	Interface Module	2009115249	10/9/07	2410806	1/27/11
02316.3909RUWO	TO-00311	RU	A Panel Assembly For A Connectivity Management System	2012106349	7/20/10		
02316.3980RUWO	TO-00425	RU	Fiber Optic Adapters and Connector Devices with Mounting Features and Mounting Systems and Methods Including the Same	2013146850	3/14/12		
02316.3982RUWO	TO-00420	RU	Cable Strain Relief Clamping Devices and Methods for Using the Same	2013144583	3/1/12		
02316.3986RUWO	TO-00266	RU	Fiber Optic Multi Dwelling Unit Deployment Apparatus and Methods for Using the Same	2011127644	12/7/09		
02316.3998RUWO	MP1492	RU	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	96121569	4/6/95		
02316.4031RUWO	NC007	RU	Apparatus And Method For Uniformly Irradiating A Strand	95118410	2/25/94	2128581	4/10/99
2316.1006/01		RU	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	2001121482	1/3/00		
2316.1007/I1		RU	TELECOMMUNICATIONS JACK ASSEMBLY	2001121483	1/4/00		
2316.1011/I2		RU	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	01125434	2/16/00		
2316.1910/WO		RU	Communication wire	200500485	9/8/03	007750	12/19/06
P12.435 RU/10-002 RU	10-002	RU	Holder for at least one cassette	2012137231	11/2/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
P12.482 RU	10-008	RU	Connecting box for glass fiber cables	2012142352	1/10/11		
P13.582 RU	12-001	RU	Distributor module and method for connecting Cables	2014149998	3/13/13		
P13.672 RU	12-002	RU	Distributor Connection Module	2015101289	3/13/13		
P13.837 RU	12-003	RU	Distributor module and method for connecting cores	2015122736	10/9/13		
TO-00559		RU	Cable Management System including Splitter/Filter Tray	2015100940	7/4/13		
WR008		RU	Apparatus For Solderless Splicing			546302	
WR155		RU	Silicone Rubber Seal For Box	95108548	8/11/93		
WR165		RU	Catv Box For In-Line/Butt Connection	96105940	8/23/94		
WR166		RU	Shaped Silicone Rubber Seal For Uteic Closure	96105913	8/23/94		
100.1153		SA	DISTRIBUTED ANTENNA SYSTEM (DAS) WITH DELAYED TRANSPORT TO PAIRED ANTENNAS	110 31 0122	2/13/10		
2316.1017		SA	CABLE MANAGEMENT RACK FOR TELECOMMUNICATION CROSS-CONNECT SYSTEMS	00210201	6/27/00		
2316.1180		SA	DESIGN AND ESTIMATING TOOLS FOR THE DESIGN OF TELECOMMUNICATIONS INFRASTRUCTURE IN A STRUCTURE	01220360	9/12/01		
2316.3597		SA	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
2316.3625		SA	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
2316.3627		SA	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
	00-004	SA	Duplex connector for fiber clips	01220168	6/23/01	1894	10/29/07
	00-007	SA	Electrical connector with spaced contact portions	01220169	6/23/01		
	00-008	SA	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01220211	7/11/01	1963	3/8/08
	00-009	SA	Connection module with overvoltage device	01220243	7/28/01	1838	7/31/07
	00-012	SA	Assembly and method for use in terminating an optical fiber or fibers	01220225	6/23/01	1590	11/25/06
	00-015	SA	Electrical Connector	01220424	10/3/01	2190	3/11/09
	00-018	SA	Plastic patch panel	02220608	1/1/02	1847	7/31/07
	00-019	SA	Optical Fibre Connection Housing	02220611	1/1/02	970	7/3/06
	01-004	SA	Universal adapter	02230335	9/25/02	1899	10/29/07

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	01-005	SA	Strain relief device for a Plug Connector for Communications and Data technology	02230334	9/25/02	1789	4/24/07
	03-002	SA	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	05260295	9/11/05		
	05-010	SA	Protective plug for distribution frame devices for telecommunications and data technology	06270205	7/1/06		
	09-018	SA	Distribution strip	110310677	8/30/10		
	76-011	SA		92130059	8/8/92		
	78-123	SA	Connection module	92130061	8/8/92		
	78-124	SA		92130057	8/8/92		
	78-125	SA		92130060	8/8/92		
	83-140	SA	A cable distribution head	92130058	8/8/92		
	90-012	SA	Cutting Clamping Contact	91120132	9/14/91		
	90-015	SA	Protective circuit and protective device plug for telecommunication installations	91120180	10/9/91		
	91-013	SA	Terminal bank for the telecommunication and data technology	93130479	4/24/93		
	91-014	SA	Cutting and clamping sleeve contact	93130330	1/30/93		
	92-013	SA	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	94150100	7/27/93		
	93-040	SA	Process for reducing the tearability of a thermally shrinkable web	94150089			
	94-031	SA	Protection plug	96170234	8/18/96		
	95-012	SA	Distribution device for telecommunications and data technique	96170387	10/22/96		
	96-011	SA	High density high performance connector	98180784	1/14/98		
	96-018	SA	Clamping device	97180758	12/30/97		
	96-019	SA	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	98181068	3/29/98		
	96-020	SA	Terminal, isolating or connecting strip	98180920	3/1/98	1393	10/9/06
	97-008	SA	Arrangement of contact pairs for compensation of near-end crosstalk	98181069	3/29/98		
	97-018	SA	Overvoltage protection plug with fail-safe device	98190347	7/26/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-001	SA	Optical fibre connector	99191081	2/17/99		
	98-002	SA	Support body for an electrical contact arrangement	99200128	5/17/99		
	98-013	SA	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99200137	5/23/99	817	5/20/06
	98-022	SA	Cable manager for multi-core cable	99200552	9/6/99		
	99-007	SA	Connector element with closure device	00210616	12/11/00		
	99-017	SA	Connecting cable with an electrical plug connection	00210615	12/11/00	1451	10/11/06
02316.3597SAWO		SA	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
02316.3625SAWO		SA	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.3627SAWO		SA	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
	96-020	SD	Terminal, isolating or connecting strip	AP/P/98/01188	12/8/97	AP1030	12/31/01
	98-024	SD	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
100.0019		SE	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	01950794.6	7/3/01	1303929	10/12/11
100.0051		SE	PERFORMANCE MONITORING AND FAILURE ISOLATION IN A POINT-TO-MULTIPOINT COMMUNICATION NETWORK	94902250.3	11/15/93	702,870	9/1/99
100.0058		SE	HYBRID FIBER/COAX VIDEO AND TELEPHONY COMMUNICATION SYSTEM	95933845.0	9/19/95		
100.0157		SE	HIGH FREQUENCY AMPLIFICATION CIRCUIT	01981470.6	10/10/01	1325556	4/8/09
100.0376		SE	METHOD AND APPARATUS FOR FREQUENCY AGILITY IN A COMMUNICATION SYSTEM	96908853.3	3/18/96	0 815 694	10/11/00
100.0451		SE	DISTRIBUTED DIGITAL SIGNAL SUMMATION AND GAIN CONTROL	03796586.0	12/3/03	1570687	10/9/13
100.0452		SE	DISTRIBUTED DIGITAL ANTENNA SYSTEM	03790242.6	12/3/03	1570626	11/6/13
100.0630		SE	METHOD FOR FREQUENCY AND MODE STABILISATION OF A TUNEABLE LASER THAT HAS AT LEAST THREE SECTIONS	0001251-8	4/5/00	518,158	9/3/02
100.0631		SE	A METHOD OF PRODUCING DISTRIBUTING REFLECTORS, AND REFLECTORS PROVIDED BY THE METHOD	0000697-3	3/2/00	515,198	6/25/01
100.0632		SE	A METHOD OF OPTIMIZING THE POINTS OF OPERATION OF LASERS AND MEANS TO THIS END	9800143-1	1/21/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0633		SE	A METHOD OF EVALUATING TUNEABLE LASERS	9900535-7	2/17/99	519,155	1/21/03
100.0634		SE	A METHOD OF CHARACTERIZING A TUNEABLE LASER	19990000536-5	2/17/99	518,827 C2	11/26/02
100.0635		SE	A METHOD OF CHARACTERIZING A TUNEABLE LASER AND DETERMINING ACTUAL WAVE LENGTH	9903039-7	8/27/99	514,188 C2	1/22/01
100.0682		SE	TUBULAR MEMBRANE VENT	06801714.4	8/17/06	1928759	10/10/12
100.0707		SE	PROVIDING WIRELESS COVERAGE INTO SUBSTANTIALLY CLOSED ENVIRONMENTS	06772594.5	6/8/06	1889420	2/27/13
100.0729		SE	Centrally located equipment for wireless telephone system	99934392.4	2/19/99	1080594	7/27/05
100.0755		SE	Multi-Protocol Distributed Wireless System Architecture	01920800.8	3/27/01	1269776	7/1/09
100.0755		SE	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	09162278.7	3/27/01	2094058	1/16/13
100.0755		SE	MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE	11168006.2	3/27/01	2364056	11/7/12
100.0759		SE	BLOSSOM/WILT OR DYNAMIC REALLOCATION IN A DISTRIBUTED FIBER SYSTEM	00303365.1	4/20/00	1047276	6/22/05
100.0763		SE	Operations and Maintenance Architecture for Multiprotocol Distributed System	01929028.7	3/29/01	1269691	12/26/07
100.0781		SE	STABILIZING FREQUENCY WITH MAINTAINED LASING QUALITY	0004534-4	12/8/00	520,128	5/27/03
100.0788		SE	SYSTEMS AND METHODS FOR ANALOG TRANSPORT OF RF VOICE/DATA COMMUNICATIONS	07760390.0	4/10/07	2025179	10/28/09
100.0922		SE	Method and system for distributing multiband wireless communications signals	02394013.3	1/24/02	1227605	1/2/08
100.0937		SE	Distribution of radio-frequency signals through low bandwidth infrastructures	97922450.8	4/18/97	0 894 369	2/18/04
100.0968		SE	Self-contained masthead units for cellular communication networks	98953787.3	10/21/98	1 025 615	7/3/02
100.0972		SE	Cellular base station with intelligent call routing	96913256.2	4/29/96	0 824 836	7/11/01
100.1054		SE	MODE AND FREQUENCY STABILIZATION	0001250-0	4/5/00		
100.1057		SE	A METHOD OF WAVELENGTH LOCKING AND MODE MONITORING A TUNABLE LASER	9900537-3	2/17/99	515,435 C2	8/6/01
100.1058		SE	A METHOD AND ARRANGEMENT FOR CONTROLLING A TUNEABLE LASER	9902604-9	7/6/99	9902604-9	1/22/01
100.1061		SE	METHOD AND APPARATUS FOR COMPENSATING LOSSES IN A TUNABLE LASER FILTER	0100611-3	2/22/01		
100.1149		SE	A METHOD OF IMPROVING SELECTIVITY IN A TUNABLE WAVEGUIDE FILTER	0100610-5	2/22/01		
100.1154		SE	OPTOELECTRIC MULTI-WAVELENGTH CONSTRUCTION ELEMENT	19950110326	7/3/95	0704946	10/1/03

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0019		SE	ELECTRICAL CONNECTOR MODULE WITH MULTIPLE CONNECTOR HOUSING	85850253.7	8/1/85	0 197 234	2/27/91
2316.0024		SE	ELECTRICAL JACK	85850121.6	4/4/85		
2316.0038		SE	ELECTRICAL JACK FRAME	81101655.9	3/6/81	0 035 776	7/24/85
2316.0041		SE	ELECTRICAL CONNECTOR APPARATUS	85850356.8	11/5/85	0 181 306	2/17/93
2316.0056		SE	ELECTRICAL CONNECTOR APPARATUS	85850355.0	11/5/85	0 181 305	2/27/91
2316.0095		SE	JACK DEVICE	86309708.5	12/12/86	0 230 746	2/22/95
2316.0113		SE	TERMINAL ASSEMBLY	87101289.4	1/30/87	0 233 527	11/13/91
2316.0123		SE	OPTICAL FIBER DISTRIBUTION APPARATUS	86307114.8	9/16/86	0 215 668	12/19/90
2316.0172		SE	OPTICAL SWITCH	8901590-3	5/3/89	8901590-3	9/19/94
2316.0300		SE	PLUG-IN JACK CARD FOR NORMALLY CLOSED CONTACTS	91402605.9	9/30/91	0 486 331	7/24/96
2316.0372		SE	MINIATURE COAX JACK MODULE	92915879.8	7/14/92	0 634 061	6/4/97
2316.0372		SE	MINIATURE COAX JACK MODULE	96202654.8	7/14/92	0 755 095	11/2/00
2316.0488		SE	HIGH-DENSITY FIBER DISTRIBUTION FRAME	95903533.8	11/16/94	0 740 803	1/27/99
2316.0488		SE	HIGH-DENSITY FIBER DISTRIBUTION FRAME	98112420.9	11/16/94	0 871 047	4/16/03
2316.0691		SE	SWITCHING COAX JACK DEVICE	98913075.2	3/23/98	0 972 320	6/12/02
2316.0753		SE	DSX MODULE WITH REMOVABLE JACK	98908667.3	2/23/98	0 963 620	9/18/02
2316.0786		SE	FIBER CONNECTOR AND ADAPTER	98922274.0	5/14/98	0 983 525	7/9/03
2316.0786		SE	FIBER CONNECTOR AND ADAPTER	99944053.0	9/1/99	1114346	6/27/07
2316.0960		SE	FIBER OPTIC MODULE	99944994.5	7/14/99	1112521	3/30/05
2316.1010		SE	MICROELECTROMECHANICAL OPTICAL SWITCH AND METHOD OF MANUFACTURE THEREOF	00962031.1	8/1/00	1208403	11/17/04
2316.1250		SE	CABLE EXIT TROUGH WITH INSERT	01977447.0	10/4/01	1356321	4/4/07
2316.1744		SE	HIGH DENSITY PANEL WITH ROTATING TRAY	03752606.8	9/26/03	1557048	3/20/11
2316.1780		SE	FIBER CONTAINMENT SYSTEM	04753765.9	5/28/04	1632116	5/25/11
2316.2109		SE	FIBER OPTIC CONNECTOR HOLDER	06788020.3	7/20/06	1913430	1/28/09
2316.2138		SE	OPTICAL FIBER PATCH PANEL	89306553.2	6/27/89	0 349 290	8/11/93

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2473		SE	FIBER OPTIC CONNECTOR MECHANICAL INTERFACE CONVERTER	08713473.0	1/3/08	2106562	3/11/15
	00-018	SE	Plastic patch panel	01985780.4	9/24/01	1322981	7/14/04
	03-010	SE	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	07-004	SE	Terminal block	07856677.5	12/13/07	2127029	4/23/14
	00-019	SE	Optical Fibre Connection Housing	01982343.4-1524	9/24/01	1329011	8/31/05
	01-004	SE	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	02-005	SE	Distribution box connection module for telecommunications and data technology	03792214.3-2214	7/18/03	1527503	5/14/14
	08-016	SE	Strain relief means	09761376.4-2216	5/19/09	2288949	4/16/14
	MP1492	SE	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	95916228.0	4/6/95	0755618	6/21/00
	MP0192	SE	Heat-Recoverable Article With Self-Contained Heater	7510845.6	9/26/75	440840	11/28/85
	MP0736	SE	Heat-Recoverable Closure Assembly	81302412.2	6/1/81	0041388	4/17/85
	MP0761	SE	Wraparound Protective Closure And Method Of Use	83300472.4	1/28/83		
	MP0790COM	SE	Thermoweave	84300059.7	1/5/84	0243985	7/4/90
	MP0790COM	SE	Thermoweave	84300059.7	1/5/84	0270132	3/25/92
	MP0790COM	SE	Thermoweave	84300059.7	1/5/84	0116393	7/19/89
	MP0790COM	SE	Thermoweave	84300059.7	1/5/84	0430377	10/9/96
	MP0810	SE	Flame Coloring Device	83300904.6	2/22/83	0087313	5/28/86
	MP0859	SE	Electrical Devices Comprising PTC Elements	84307984.9	11/16/84		
	MP0867	SE	Laminar Electrical Heaters	84303152.7	5/10/84	0128664	8/24/88
	MP0872	SE	Heat Shrinkable Article	84306290.2	9/14/84		
	MP1086	SE	Devices Comprising PTC Conductive Polymers	86307651.9	10/3/86		
	MP1224	SE	Laminar Sheet Heater	89900770.2	12/8/88		
	MP0192	SE	Heat-Recoverable Article With Self-Contained Heater	7903006.0	4/4/79	447434	2/19/87
	MP0735	SE	Wraparound Heat-Recoverable Sleeves	81302413.0	6/1/81	0041389	4/17/85
	00-001	SE	Shielding device for terminal blocks	00126936.4	12/8/00	1117158	2/13/08
	00-002	SE	Compensation device for an electrical connector	01101324.0	1/20/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-004	SE	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-008	SE	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01		
	00-009	SE	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-012	SE	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-013	SE	Connection module	01117086.7	7/13/01		
	00-015	SE	Electrical Connector	01956564.7-2217	7/26/01	1312137	5/25/05
	00-017	SE	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05
	01-005	SE	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	02-003	SE	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	02-004	SE	Device for an optical-fiber connection	03727357.0-1234	4/25/03	1502142	6/28/06
	03-001	SE	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	03-003	SE	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-005	SE	Conductor connection module for printed circuit boards	04740236.7-2214	6/24/04	1649549	11/2/06
	03-006	SE	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-013	SE	Construction kit for distribution cabinets	04006018.8	3/12/04	1458073	1/3/07
	04-012	SE	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	SE	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	SE	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-004	SE	Press-fit-connector	07724602.3	4/26/07	2018682	7/28/10
	06-010	SE	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	07-010	SE	Sleeve for optical waveguide cables	08715782.2-1524	2/15/08	2132589	8/3/11
	77-002	SE		7802668-9	3/8/78	424682	11/11/82
	80-012	SE	A tool for electrically connecting insulated wires	81102206.0	3/24/81	0040307	8/14/85
	80-128	SE	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	81101410.9	2/26/81	0038412	4/24/85

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	80-129	SE	A twin contact terminal element	81102012.2	3/18/81	0041596	7/16/86
	80-130	SE	Universal connector for a solderless, screwless and stripless system for testing, connecting and isolating conductor tracks	81103884.3	5/20/81	0044387	2/6/85
	80-131	SE	A connector device for testing a cable wire relative to all other cable wires within a contact element	81103883.5	5/20/81	0044913	2/1/84
	80-132	SE	A self supporting terminal element	81101181.6	2/19/81	0053219	6/13/84
	81-135	SE	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	82108047.0	9/1/82	0075150	1/7/87
	82-030	SE	Modular plug connector	82111212.5	12/3/82	0084632	3/26/86
	82-035	SE	Terminal element for cable wires and drop wire cables	8302054-5	4/13/83	458162	6/22/89
	82-139	SE	Clamping element for connecting electric conductors without welding, screwing and baring	83107560.1	8/1/83	0123718	11/25/87
	83-040	SE	A terminal strip	84102700.6	3/13/84	0124721	9/10/86
	83-140	SE	A cable distribution head	83112627.1	12/15/83	0125343	9/27/89
	83-142	SE	A heat protection device for over-voltage arrester magazines	84106412.4	6/5/84	0130403	5/18/88
	83-143	SE		8305782-8	10/20/83	451929	2/11/88
	83-145	SE	Optical main distributor		12/5/83		
	84-016	SE	Multipolar plug	85730151.9	11/8/85	0189730	12/27/89
	84-147	SE	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	84107396.8	6/27/84	0165335	9/16/87
	85-003	SE		86730087.3	5/22/86	0210945	
	85-164	SE		8603024-4	7/7/86	462937	1/24/91
	86-019	SE	Connector bank for cable wires, in particular for telephone cables	87730032.7	4/3/87	0244347	8/21/91
	86-064	SE	A casing, particulary a junction-box casing for telecommunications engineering	87730050.9	5/8/87	0253756	11/18/93
	86-066	SE	Cutting/clamping terminal element for electrical conductors	87730118.4	9/30/87	0270479	8/12/92
	86-068	SE		87730118.4	9/30/87	0270479	5/6/92

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	86-069	SE	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	87730134	8/5/93		
	86-069	SE	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	93112523.1	10/27/87	0270480	4/13/94
	86-156	SE		87730030.1	3/21/87	0243296	12/27/90
	87-003	SE		88730042.4	2/24/88		
	87-075	SE	Connector bank for telecommunication devices	88730118.2	5/17/88	0302814	2/16/94
	87-077	SE	Device for holding connector banks in telecommunication systems	88730116.6	5/13/88	0304393	1/12/94
	87-078	SE	Connection device for telecommunications	88112582.7	8/3/88	0308635	11/11/92
	87-166	SE	Terminal unit for cable pairs in Telecommunication systems	88730114.1	5/11/88	0296095	3/24/93
	88-006	SE		88730074.7	3/24/88	0288418	7/22/92
	88-086	SE	Tool for connecting cable wires	88730250.3	11/12/88	0329917	11/19/92
	88-087	SE		88117463.5	10/20/88	0328738	
	88-088	SE	Protective plug for connector or disconnector banks	89100535.7	1/13/89	0338187	12/29/93
	88-091	SE	Receiving pre-amplifier for an optical telecommunication line	89730043.0	2/22/89	0344091	11/3/93
	88-092	SE		88113259.1	8/13/88	0312729	
	88-095	SE	Contact member of electrical conductors	89730120.6	5/11/89	0360727	10/12/94
	88-097	SE	Connection device for switchung or disconnection line paths in telephone exchanges	89115536.8	8/23/89	0365780	4/26/95
	88-098	SE	Plug connector for telecommunication and data systems	89730204.8	8/23/89	0373096	9/8/93
	88-100	SE	Electro-optical planar display, in particular an LCD display panel	89730208.9	10/14/89	0374085	9/15/93
	88-159	SE	Connecting element for optical waveguides	88112078.6	7/27/88	0309677	12/15/93
	89-005	SE	Protection plug for connector banks of telecommunication and data systems	90101057.9	1/19/90	0388585	12/21/94
	89-006	SE	Connector banks with voltage surge protection	90250072.7	3/16/90	0399628	6/7/95
	89-008	SE		90111280.5	6/15/90		
	89-010	SE	Wire connector for cable wires, in particular of telecommunication cables	90115668.7	8/16/90	0428832	1/12/94
	89-014	SE		90118446.5	9/26/90	0421253	3/16/94

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	89-101	SE	Plug connector	90250004.0	1/4/90		
	89-102	SE	Shield connecting element for a connector bank	90250003.2	1/4/90	03823322	10/6/93
	89-192	SE	Electrical Connector	90122815.5	11/29/90	0445376	4/19/95
	90-002	SE	Voltage limiter	90122922.9	11/30/90	0440905	8/30/95
	90-006	SE	Connecting block for the telecommunication and data technology	91100348.1	1/12/91	0446572	1/11/95
	90-008	SE		91102642.5	2/22/91	0447834	
	90-009	SE	Device for displaying announcements, in particular prices in numerical form	91103873.5	3/14/91	0451528	9/8/93
	90-011	SE	Terminal block for telecommunications systems	91103990.7	3/15/91	0456987	5/6/93
	90-012	SE	Cutting Clamping Contact	91106635.5	4/25/91	0459144	5/24/95
	90-015	SE	Protective circuit and protective device plug for telecommunication installations	91110018.8	6/19/91	0471167	5/25/94
	90-021	SE		91115168.6	9/7/91	0484654	12/5/91
	91-001	SE		91119994.1	11/23/91		
	91-010	SE		92108267.3	5/15/92		
	91-011	SE	Insulation displacement contact terminal	92111624.0	7/9/92	0525457	3/6/96
	91-013	SE	Terminal bank for the telecommunication and data technology	92111854.3	9/9/92	0529267	6/16/99
	91-014	SE	Cutting and clamping sleeve contact	9211972.3	7/14/92	0531664	1/31/96
	91-022	SE	Switching assembly for glass fibre cables of the telecommunication and data technology	92113177.7	8/3/92	0536496	2/11/98
	92-004	SE	Case, in particular cable branching case	92120714.8	12/4/92		
	92-006	SE	Cutting and clamping Terminal Element	93101539.0	2/2/93	0558937	1/3/96
	92-009	SE			2/24/93		
	92-013	SE	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	93106602.1	4/23/93	0582779	1/3/96
	92-014	SE	Split flap display device	93110150.5	6/25/93	0583577	1/3/96
	92-015	SE	Device for storing the single and bundle wires of glass-fibre cables in distribution devices of the telecommunication and data technique	93112697.3	8/7/93		
	92-019	SE	Method for elctronically labelling articel	93250311.3	11/10/93		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-021	SE		93115054.4	9/18/93	0601290	6/4/97
	92-022	SE	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	93114996.7	9/17/93	0601289	11/27/96
	92-024	SE	Signal-connector with capacitive adjustment for improved crosstalk parameters	93113952.1	9/1/93	0598192	1/8/97
	92-025	SE	Method and arrangement for optically representing information	93114019.8	9/2/93		
	92-026	SE	Method and arrangement for establishing networks of electro-optical display-field modules	93116523.7	10/13/93		
	93-006	SE		931119488.0	12/3/93		
	93-008	SE	Termination device for the communication and data technique	93119249.6	11/30/93		
	93-009	SE	Distribution device, in particular for the main distribution device of telephone and data lines	93119583.8	12/4/93	0618741	3/18/98
	93-015	SE	Cable branching device	94103854.9	3/14/94	0623832	5/27/98
	93-017	SE	Method for monitoring the filing levels of material of value collection containers	94105657.4	4/14/94		
	93-020	SE	Termination module	94105314.2-2214	4/6/94	0632527	1/20/99
	93-023	SE	Connection block for high speed transmission in the telecommunication and data system	94108404.8	6/1/94	0637097	9/2/98
	93-028	SE	Clamping Terminal unit	94112249.1	8/5/94	0643454	1/14/98
	93-030	SE	Terminal block	94113179.3	8/24/94	0645841	11/11/98
	93-032	SE	Electrical Plug Connector	94114414.9	9/14/94		
	93-033	SE		94114068.3	9/8/94		
	93-034	SE	Termination unit for telecommunication and data lines	94116632.4	10/21/94		
	93-036	SE	Coupling device between a glass fibre and a dielectric waveguide	94117310.6	11/3/94		
	94-003	SE	Digital electronic Loop Crossconnect & Carrier System	94117980.6	11/25/94		
	94-005	SE	Separation spark gap for limiting the maximum voltage on a surge arrester	94118945.8	12/1/94	0665619	3/5/97
	94-006	SE	Winding cartridge	94108836.1	6/9/94		
	94-007	SE	Insulation displacement contact element	94117060.7	10/28/94	0665614	4/19/00
	94-009	SE		94119809.5	12/15/94	0667650	9/9/98
	94-012	SE	Obliquely disposed insulation displacement contact	95100738.4-2214	1/20/95	0675564	9/30/98

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-015	SE	Housing for optical components	95102617.8	2/24/95	0679917	1/19/00
	94-018	SE	Automatic distribution device for telecommunication and data lines	95106047.4	4/22/95		
	94-019	SE	Distribution apparatus, particularly for the main distributor of telecommunications or data lines	95107287.5	5/13/95	0689365	1/24/01
	94-021	SE	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95105067.3	4/5/95	0690539	7/7/99
	94-022	SE	Electrical Plug Connector	95106785.9	5/5/95	0693801	8/26/98
	94-025	SE	Printed Circuit Board for Connectors	95108378.1	6/1/95	0697804	2/9/00
	94-026	SE	Flip-over Display Module	95109294.9	6/16/95		
	94-027	SE	Manufacturing process for structured metal plating on surfaces	94113917.2	9/6/94	0643153	6/19/96
	94-031	SE	Protection plug	95109298.0	6/16/95	0706194	9/3/97
	94-032	SE	Terminal element	95109771.6	6/23/95	0706234	11/24/99
	94-035	SE	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	95111172.3	7/15/95		
	94-036	SE	Cable protection element	95106431.0	4/28/95		
	94-037	SE	19"Racking system	95106430.2-2207	4/28/95		
	94-039	SE	Charge detection in a telephone network	95943997.7	7/12/95		
	95-006	SE	Electrical Connectors	96105422.8	4/4/96		
	95-009	SE	Switching field	96112250.4-2302	7/30/96	0758792	10/17/01
	95-010	SE	Electrical Connector	96112491.4	8/2/96	0759648	3/26/03
	95-012	SE	Distribution device for telecommunications and data technique	96113135.6	8/16/96		
	95-013	SE	Termination device for the telecommunication and data technique	96114423.5-2209	9/10/96		
	95-016	SE	Terminal block for high transmission rates	96111904.7-2308	7/24/96	0766352	11/29/00
	95-017	SE	Connecting device for telecommunication and data technique	96110940.2-2308	7/6/96		
	95-019	SE	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96113454.1-2209	8/22/96		
	95-020	SE	Automatic re-arrangement and distribution device for telecommunication and data lines	96115100.8	9/29/96		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	95-022	SE	Main distribution frame MDF	96920705.9	6/26/96		
	96-001	SE	Electronic access control and security system	97101244.8	1/28/97		
	96-002	SE	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97101240.6	1/28/97	0797379	9/18/02
	96-005	SE	Management-capable splice cassette	97101253.9	1/28/97		
	96-006	SE	Earthing module	97104914.3-2308	3/22/97		
	96-007	SE	Termination tool	97104913.5-2308	3/22/97		
	96-011	SE	High density high performance connector	97108131.0	5/20/97		
	96-013	SE	Connecting terminal	97111592.8	7/9/97	0837525	11/8/00
	96-018	SE	Clamping device	97118901.4	10/30/97	0844694	3/1/00
	96-019	SE	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-020	SE	Terminal, isolating or connecting strip	97121398.8	12/5/97	0847106	9/19/01
	96-021	SE	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	97118903.0	10/30/97	0849850	7/11/01
	97-002	SE	Outdoor housing	98102656.0	2/17/98	0863593	8/29/01
	97-003	SE	Protection Plug	98102655.2	2/17/98	0862197	6/9/99
	97-008	SE	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-011	SE	Cable fastening	98102653.7	2/17/98		
	97-012	SE	Distribution block for telecommunication and data technology	98103424.2	2/27/98		
	97-013	SE	Stationary housing with wall elements made of plastic	98103423.4	2/27/98		
	97-016	SE	Overvoltage protection module	98107492.5	4/24/98		
	97-017	SE	Safety Plug (Terminator)	98107586.4	4/25/98		
	97-018	SE	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-019	SE	Interface module	98107578.1	4/25/98		
	97-022	SE		98114148.4	7/29/98		
	97-023	SE	Method for designing a telecommunications and data network	98948732.7	8/6/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	97-025	SE	Casing	98117540.9	9/16/98	0910146	5/25/05
	97-028	SE	Apparatus for connecting cable cores	98119013.5	10/8/98		
	97-030	SE	High Frequency Cable	98964444.8	11/27/98		
	97-031	SE	Electrical power outlet with IDC connections	98121647.6	11/12/98	0921611	6/4/03
	97-032	SE	Patch Panel with retractable patch cord	98123266.3	12/7/98		
	98-001	SE	Optical fibre connector	98960871.6	12/8/98		
	98-002	SE	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-004	SE	Casing	99101294.9	1/25/99	0938163	4/27/05
	98-005	SE	Clamping element for cable shielding	99104341.5	3/4/99	0944132	12/20/00
	98-010	SE	Electrical Connector	99107064.0	4/10/99	0952635	8/24/05
	98-013	SE	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	SE	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-023	SE	Electrical Connector	99112489.2	7/1/99		
	98-024	SE	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	98-025	SE	Shielding device for connection strips in telecommunications and data engineering	99952571.0	10/14/99	1133814	6/19/02
	99-001	SE	Connection element for cable conductor	99121852.0	11/4/99	1018786	9/19/01
	99-002	SE	Surge arrester mounting unit for telecommunications and data systems equipment	99121037.8	10/21/99		
	99-004	SE	Overvoltage protection element	99125286.7	12/18/99		
	99-006	SE	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07
	99-007	SE	Connector element with closure device	00916921.0	3/10/00		
	99-009	SE	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-010	SE	Traction relief device for a wire	00110099.9	5/13/00		
	99-014	SE	Frontpanel for LWL-modules	00115726.2-2205	7/21/00		
	99-017	SE	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	99-018	SE	Electrical Connector	00124720.4	11/13/00		
	99-019	SE	Distribution cabinet	99121185.5	10/22/99	1047167	9/17/03
	ITRACS001	SE	A System for Monitoring Connection Pattern of Data Ports	00919250	4/5/00	1173811	9/13/06
	ITRACS001	SE	A Kit for Determining the Connection Pattern of Data Ports	05019751.6	4/5/00	1607876	6/10/09
	ITRACS001	SE	Data Cable for Monitoring Connection Pattern of Data Ports	06019065.9	4/5/00	1758028	3/17/10
	MP0122	SE	Wraparound Closure Sleeve	71100861	8/6/71	377716	10/30/75
	MP0718COM	SE	Corrugated Ht Rec. Tape & Flexible Collar Tee	81302605.1	6/11/81	0042262	6/5/85
	MP0757	SE	Air Vent Assembly	82300555.8	2/3/82		
	MP0781COM	SE	Flat Sheet Closure & Method	82304743.6	9/9/82		
	MP0798COM	SE	Fiber Optic Organizer	83300177.9	1/13/83		
	MP0799COM	SE	Paddlecard Terminator	82306555.2	12/8/82	0081389	9/3/86
	MP0838COM	SE	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	83306140.1	10/11/83	0108518	1/18/89
	MP0839COM	SE	Optical Fiber Tap	83903730.6	10/24/83	0125282	8/26/92
	MP0849	SE	Optical Fiber Adhesive Joint Tube - Release Agent	84300771.7	2/7/84	0121988	4/20/88
	MP0850	SE	Optical Fiber Adhesive Joint Tube - Hourglass Shape	84300770.9	2/7/84		
	MP0855	SE	A Mechanical Coupling Assembly And Method Of Using Same	84901659.7	3/29/84	0138986	12/27/90
	MP0871A	SE	Protective Article	86302209.1	3/25/86	0196219	7/22/92
	MP0874	SE	Tube Storage And Delivery Device	84306793.5	10/5/84	0145153	11/5/86
	MP0889	SE	Method And Apparatus For Determining Attenuation Across Optical Fiber Splice	84307314.9	10/24/84		
	MP0899	SE	Light Launch Detection & Splicing Devices For Loose Tube Buffered Optical Fiber	85300528.8	1/25/85		
	MP0900	SE	Wraparound Article	84308644.8	12/12/84		
	MP0995COM	SE	Optical Fiber Termination	85308204.8	11/12/85		
	MP0997	SE	Center Conductor Closure	85308790.6	12/3/85		
	MP1018	SE	Splice Case	86300045.1	1/6/86	0189240	3/28/90
	MP1019	SE	Liner For Making Pressurized Splice Closure	86300833.0	2/6/86	0194040	5/16/90

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1027	SE	Closure Including Gel-Filled End Seals	86300835.5	2/6/86		
	MP1045	SE	Drop Wire Branch Article	86301678.8	3/10/86		
	MP1077	SE	Determining Splice Attenuation	86305112.4	7/1/86		
	MP1078	SE	Corrosion Protection Apparatus	86306401.0	8/19/86	0213874	11/19/92
	MP1085	SE	Compression Pressure Indicator	86307415.9	9/26/86		
	MP1092	SE	Optical Fiber Contact And Connector	86309060.1	11/19/86	0223609	2/16/94
	MP1093	SE	Optical Fiber Connector	86309059.3	11/19/86		
	MP1097	SE	Apparatus For Relieving A Load Across A Cable Repair Region	86308773.0	11/11/86		
	MP1111	SE	Insulation Displacement Connector For High Axial Strength	87304130.5	5/8/87		
	MP1112	SE	Universal End Plate-Gel Seal	87301044.1	2/5/87		
	MP1125	SE	Optical Fiber Termination Using An Elastic Convex Dam	87304031.5	5/6/87		
	MP1129	SE	Splice Closure System	87903804.0	5/29/87		
	MP1140COM	SE	Strained Distributed Optical Fiber Communication System	87307394.4	8/21/87		
	MP1155	SE	Coaxial Connector Moisture Seal	87309383.5	10/23/87		
	MP1177	SE	Optical Fiber Tap Utilizing Reflector	88301189.2	2/12/88		
	MP1184	SE	Alignment And Location Sleeve For Fiber Optic Contacts	88904743.7	3/21/88		
	MP1206COM	SE	Terminal Block	88306146.7	7/6/88	0298713	2/9/94
	MP1210	SE	Annealing Bent Optical Fiber	88306933.8	7/27/88		
	MP1223	SE	Rotary Closure And Grommet	89901178.7	12/8/88		
	MP1238	SE	Telephone Junction Box And Switch Therefor	89902881.5	2/8/89		
	MP1239COM	SE	Telecommunication Terminal Block Or Adapter	89903328.6	3/4/89		
	MP1240	SE	Telecommunications Terminal Block	89902605.8	2/17/89	0402374	1/25/95
	MP1243	SE	Cable Sealing Apparatus	89904715.3	4/4/89		
	MP1254	SE	Optical Fiber Jaw Connector	89905535.4	4/4/89		
	MP1258	SE	Splice Case	89905534.7	4/26/89	0414756	7/27/94
	MP1260	SE	Optical Fiber Termination Coating Dispenser				

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1275	SE	Rotary Connection Strain Relief On Terminal Block	89911333.6	9/19/89		
	MP1293	SE	E-Z-On Connectors	90909963.2	6/8/90	0476056	9/6/95
	MP1345COM	SE	Binding Post For Wide Tolerance Caps	90915250.6	9/21/90		
	MP1351	SE	Cable Television Connection System	90312384.2	11/13/90		
	MP1374A	SE	Alarm And Test System For A Digital Added Mail Line	91914225.7	8/1/91		
	MP1374A	SE	Alarm And Test System For A Digital Added Mail Line	97200093.9	8/1/91	0771052	10/14/98
	MP1374A	SE	Alarm And Test System For A Digital Added Mail Line	95201384.5	8/1/91	0682435	1/13/99
	MP1374C	SE	Gel Filled Modular Electrical Connecting Block	94906610.4	1/12/94	0680666	6/9/99
	MP1391	SE	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	91918523.1	10/3/91		
	MP1403	SE	Ez Twist Consumer Type Connectors	92908712.0	3/20/92		
	MP1514	SE	Environmental Protection Device With Manually Operated Latch Mechanism	95920420.7	5/17/95		
	NC004	SE	Telecommunications Terminal Block	92922043.2	10/5/92	0685119	1/20/99
	NC022	SE	Improved Idc Having Wire Slippage Control	97937300.8	8/14/97	0919073	10/31/01
2316.1011/I2		SE	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	00939275.4	2/16/00	1 166 161	11/26/03
2316.1011/I4		SE	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	00964881.7	5/25/00	1185897	12/13/06
TYCEO/P32112EP	NC059	SE	Low Profile Optical Fibre Network Interface Enclosure	01204160.4	10/30/01	1203974	2/1/06
17153		SE	MULTI CHANNEL FIBER OPTIC CONNECTOR WITH SINGLE ATTACHED LATCH	99917616.7	4/16/99	1073923	11/3/04
13621		SE	LOCAL AREA NETWORK INTERFACE	94201481.2	5/25/94	614248	11/20/96
13621		SE	LOCAL AREA NETWORK INTERFACE	87904196.0	6/11/87	274487	1/11/95
13621		SE	LOCAL AREA NETWORK INTERFACE	94201482.0	6/11/87	614249	11/20/96
15239		SE	TELEPHONE JUNCTION ENCLOSURE AND SYSTEM FOR SEALING A WIRE OPENING ARRAY	93300810.4	2/4/93	556979	4/24/96
15263		SE	CABLE STRAIN RELIEF FOR A SHIELDED ELECTRICAL CONNECTOR	93107592.3	5/10/93	569918	8/28/96
15396		SE	IMPROVED SHIELDED ELECTRICAL CONNECTOR	93306228.3	8/6/93	587303	10/21/98
16012		SE	DIVERGENT LOAD BAR	95932408.8	9/8/95	789939	6/23/99
40256		SE	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	95118433.2	11/23/95	716477	8/22/01
61019		SE	METHOD AND APPARATUS FOR TESTING FIBER OPTIC HUBS	88309579.6	10/13/88	315331	3/18/92

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
8413		SE	ELECTRICAL TERMINALS FOR FLAT TWO-CONDUCTOR LEAD IN WIRE	7412492-6	10/3/74		
WR035		SE	Cable Marker Plate	82103744	5/3/82		
WR045		SE	Inside-Out Moulded End Part	82105976.3	7/5/82	0080016	6/12/85
WR073		SE	Device For Splicing Wires	85110494.3	8/21/85		
WR074COM		SE	Branch-Out X-Filling Piece In Sleeve End	85116244.6	12/19/85		
WR082		SE	S.C.O.P. With Pattern Of Recesses	86304520.9	6/12/86		
WR090		SE	Fiber Optic Organizer	86110361.2	7/26/86	0216073	9/20/89
WR102		SE	Heat Shrink Radi With Removable Outlets	87301936.8	3/5/87		
WR103		SE		87304348.3	5/15/87		
WR118		SE	Cable Cutting Tool	89105061	3/21/89	0338273	6/3/92
WR119		SE	High Frequency Shielded Connection For Coax Cable	89110438.2	6/9/89		
WR120		SE	Multi-Outlet Box For Cables	89111573.5	6/24/89		
WR133		SE	Electrical Plug Connector	90110859.7	6/8/90		
WR136		SE	Cable Splice				
WR137		SE	Connection To Terminal Plate. Similarity To D. Terminator	91907679.4	4/12/91		
WR140		SE	Mechanical Radi Seal	91916615.7	9/12/91	0548203	8/21/96
WR142		SE		91920407.3	11/27/91		
WR145		SE	Fibre Optic Housing With Consumer Tap And Lead To Next Consumer I Same Housing.	92109429.8	6/4/92		
WR156		SE	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	93919538.4	9/14/93		
WR160		SE	Catv Splitter With Variable Attenuation	94903960.6	1/6/94	0678221	6/4/97
WR163		SE	Uteic With Dust Flap	94919793.3	7/8/94		
WR164		SE	Uteic Cable Gripper With Self-Centring	94902984.7	1/6/94		
WR166		SE	Shaped Silicone Rubber Seal For Uteic Closure	94924915.5	8/23/94		
WR168		SE		94931106.2	10/27/94		
WR172		SE	Catv Tap With Power Tap-Off	95932823.8	9/26/95		
100.0937		SG	Distribution of radio-frequency signals through low bandwidth infrastructures	9805397-8	4/18/97	57065	10/19/99
100.0962		SG	Wireless private branch exchange	200003623.6	1/14/99		
100.0968		SG	Self-contained masthead units for cellular communication networks	200002173.3	10/21/98		
100.0969		SG	Frequency agile transceiver with multiple frequency synthesizers per transceiver	9705100-7	4/29/96		
100.0970		SG	Spread spectrum communication network signal processor	9705099-1	4/29/96		
100.0972		SG	Cellular base station with intelligent call routing	9705160-1	4/29/96	46849	8/17/99
100.0973		SG	CELLULAR NETWORK COMMUNICATION SYSTEM	200100888-7	9/3/99		
100.0974		SG	Method and apparatus for providing intelligent cellular handoff	9903515-6	1/29/98	66952	9/19/00
100.0976		SG	Cellular private branch exchanges	9704829-2	5/3/96	45853	8/17/99

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0977		SG	Configuration-independent methods and apparatus for software communication in a cellular network	970473-6	5/3/96	45766	8/17/99
100.0978		SG	HYBRID CELLULAR COMMUNICATION APPARATUS AND METHOD	9705057-9	5/3/96	46079	6/22/99
100.0979		SG	Cellular Adjunct To A Public Wired Network	9704949-8	5/3/96		
100.0982		SG	METHODS AND APPARATUSES FOR AN INTELLIGENT SWITCH	9705066-0	5/3/96		
100.0983		SG	Private multiplexing cellular network	9900431-9	8/27/97	61324	5/23/00
100.0984		SG	Wireless co-tenant base station	200003680-6	1/14/99		
2316.0095		SG	JACK DEVICE	86309708.5	12/12/86	97902936	3/15/97
2316.0300		SG	PLUG-IN JACK CARD FOR NORMALLY CLOSED CONTACTS	96096094	9/30/91		
2316.0372		SG	MINIATURE COAX JACK MODULE	96082664	7/14/92	49,889	11/7/01
2316.0393		SG	VARIABLE FIBER OPTICAL ATTENUATOR	96045026	8/28/92	54214	11/16/99
2316.0454		SG	REAR CROSS-CONNECT DSX SYSTEM	96051586	3/17/94	52,488	10/19/99
2316.0488		SG	HIGH-DENSITY FIBER DISTRIBUTION FRAME	9607479-4	11/16/94	49,194	1/3/02
2316.0488		SG	HIGH-DENSITY FIBER DISTRIBUTION FRAME	9905001-5	11/16/94	108809	4/28/06
2316.0691		SG	SWITCHING COAX JACK DEVICE	99037459	3/23/98	67,090	7/18/00
2316.0753		SG	DSX MODULE WITH REMOVABLE JACK	9904038-8	2/23/98	67,276	1/16/01
2316.0777		SG	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	99037442	3/23/98		
2316.0942		SG	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	200006888-2	5/20/99	77,752	12/16/02
2316.1017		SG	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	200104827	2/10/00	82835	8/29/03
2316.1362		SG	DIGITAL SWITCHING CROSS-CONNECT MODULE	200500418-9	7/10/03	109352	8/31/07
2316.1737		SG	10/100 MBS NETWORK DEVICE	200601906-1	9/21/04	120670	11/28/08
2316.1832		SG	WDM SYSTEMS AND METHODS (CWDM)	200606002-4	2/25/05	125359	3/31/09
2316.1888		SG	CABLE WITH OFFSET FILLER	200602811-2	10/14/04	122137	11/28/08
2316.1888		SG	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	200602855-9	10/14/04	124448	11/28/08
2316.1889		SG	METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS	200605639-4	2/18/05	124891	2/27/09
2316.1892		SG	Cable with twisting filler and shared sheath	200305860-9	4/16/02		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2138		SG	OPTICAL FIBER PATCH PANEL	89306553.2	6/27/89	9691699-4	8/15/96
2316.2171		SG	CRIMPED CENTER CONDUCTOR	200803186-6	10/11/06	142040	11/30/10
2316.2371		SG	UNIVERSAL BRACKET FOR MOUNTING A DROP TERMINAL	200807463-5	4/4/07		
2316.2729		SG	Adapter Plate with Angled Openings and Method of Manufacture	201006114-1	3/16/09		
2316.2743		SG	REAR LATCH ARRANGEMENT FOR SLIDING DRAWER	201006115-8	3/17/09		
2316.3233		SG	WALL-MOUNTABLE OPTICAL FIBER AND CABLE MANAGEMENT APPARATUS	200800069-7	1/7/08	144813	11/28/08
2316.3233		SG	FIBER OPTIC CABLE FOR MULTI-DWELLING UNIT (MDU) AND COMMERCIAL BUILDING DEPLOYMENTS	200800070-5	1/7/08		
2316.3395		SG	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing				
	07-023	SG	Power Outlet	200906994-9	4/2/08	156360	3/31/10
	MP0192	SG	Heat-Recoverable Article With Self-Contained Heater	353/79	7/11/79	353/79	7/11/79
	MP0192	SG	Heat-Recoverable Article With Self-Contained Heater	428/79	7/24/79	428/79	7/24/79
	MP0192	SG	Heat-Recoverable Article With Self-Contained Heater	429/79	7/24/79	429/79	7/24/79
	MP0219	SG	Expandable Heater With Apertured Electrodes	125/82	4/21/82	125/82	4/21/82
	MP0790COM	SG	Thermoweave	722/87	2/3/88	29015	2/3/88
	MP0790COM	SG	Thermoweave	723/87	2/3/88	29016	2/3/88
	MP0790COM	SG	Thermoweave	724/87	2/3/88	29017	2/3/88
	00-004	SG	Duplex connector for fiber clips	200206348-5	3/21/01	92425	6/30/05
	00-008	SG	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	200207507-5	5/30/01	93614 [WO01/97332]	11/30/04
	00-009	SG	Connection module with overvoltage device	200207509-1	5/30/01	93615	10/29/04
	00-012	SG	Assembly and method for use in terminating an optical fiber or fibers	200207413-6	6/11/01	93570	12/30/04
	00-015	SG	Electrical Connector	200300846-3	7/26/01	95112	3/31/05
	00-017	SG	Coupling device for glass fiber connectors	200301077-4	9/21/01	95315	6/30/05
	00-018	SG	Plastic patch panel	200301967-6	9/24/01	96051	3/31/05
	00-019	SG	Optical Fibre Connection Housing	200301964-3	9/24/01	96048	5/31/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	01-004	SG	Universal adapter	200400865-2	7/27/02	102917	5/31/06
	01-005	SG	Strain relief device for a Plug Connector for Communications and Data technology	200401004-7	8/12/02	102970	4/28/06
	01-007	SG	Terminal block	200402003-8	9/13/02	103660	5/31/06
	02-006	SG	Patch Cord Connector	PCT/EP03/07675	7/16/03		
	03-002	SG	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	200505662-7	2/27/04	118453	5/30/07
	03-003	SG	Overvoltage protection magazine for a telecommunications device	200505661-9	3/26/04	118452	5/30/07
	04-010	SG	Distribution board connection module	200703153-7	10/31/05	131733	7/31/09
	04-011	SG	Distribution board connection module	200703152-9	10/31/05	131732	9/30/09
	05-005	SG	Plug connection	200716668-9	3/1/06	136415	6/30/10
	07-039	SG	TELECOMMUNICATIONS PATCH PANEL	200804445.5	5/30/08	150428	3/31/11
	08-025	SG	Termination module	200807705.9	10/14/08		
	08-030	SG	Apparatus for accommodating components from telecommunications and data technology	201103886-6	10/27/09		
	09-013	SG	Junction Box	201003380-1	5/12/10		
	17969	SG	PLUG AND BLOCK CONNECTOR SYSTEM FOR DIFFERENTIAL CONTACT PAIRS	200503791-6	12/12/03	112677	7/31/07
	18044	SG	NETWORK CONNECTION SENSING ASSEMBLY	200507934-8	6/8/04	117381	3/31/08
	18150	SG	Telecommunications Patch Panel with Angled Connector Modules	200607054-4	4/12/05		
	18180	SG	NON-ORTHOGONAL CABLE MANAGEMENT SYSTEM	200606967-8	4/12/05		
	61019	SG	METHOD AND APPARATUS FOR TESTING FIBER OPTIC HUBS	UK315331	10/13/88	9591162-4	3/18/92
	80-012	SG	A tool for electrically connecting insulated wires	2075903	4/8/81	124/84	10/27/94
	80-128	SG	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	2074396	2/26/81	20/87	10/28/88
	80-129	SG	A twin contact terminal element	2078450	3/16/81	441/85	11/23/85
	80-132	SG	A self supporting terminal element	2092838	3/5/81	8590638-6	3/18/86
	81-135	SG	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	2106727	9/8/82	157/86	10/1/86

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	82-030	SG	Modular plug connector		12/23/82	568/86	4/4/88
	82-153	SG		637/85	3/25/82	637/85	8/1/86
	83-140	SG	A cable distribution head	2135531	2/7/84	984/86	1/26/87
	83-145	SG	Optical main distributor	2132441	11/30/83	362/88	4/3/86
	85-003	SG		0210945	5/22/86		
	86-019	SG	Connector bank for cable wires, in particular for telephone cables	0244347	4/3/87	9191005-9	3/16/92
	87-077	SG	Device for holding connector banks in telecommunication systems	0304393	5/13/88	9490632-8	9/26/94
	87-166	SG	Terminal unit for cable pairs in Telecommunication systems	0296095	5/11/88	9390640-2	9/29/93
	88-086	SG	Tool for connecting cable wires	9390529-7	11/12/88	529/93	1/16/93
	88-088	SG	Protective plug for connector or disconnector banks	0338187	1/13/89	9490633-6	9/26/94
	90-012	SG	Cutting Clamping Contact	0459144	3/7/96	9690431-3	11/13/96
	90-015	SG	Protective circuit and protective device plug for telecommunication installations	0471167	6/19/91	9491115-3	12/30/94
	91-014	SG	Cutting and clamping sleeve contact	9605080-2	2/23/96		
	92-024	SG	Signal-connector with capacitive adjustment for improved crosstalk parameters	9604031-6	2/22/96	46385	11/30/01
	93-023	SG	Connection block for high speed transmission in the telecommunication and data system	9609327-3	6/1/94	43352	1/10/02
	93-032	SG	Electrical Plug Connector	9608517-0	4/6/96	43338	3/20/98
	93-034	SG	Termination unit for telecommunication and data lines	9609032-9	4/6/96		
	94-015	SG	Housing for optical components	9610036-7	6/10/96	46736	9/28/98
	94-027	SG	Manufacturing process for structured metal plating on surfaces	9608820-8	4/6/96		
	94-031	SG	Protection plug	9610024-3	6/10/96	45487	11/16/98
	94-035	SG	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	9606278-1	3/13/96		
	95-006	SG	Electrical Connectors	9609547-6	4/26/96	44929	9/28/98
	95-012	SG	Distribution device for telecommunications and data technique	9610725-5	9/28/96	73434	12/19/00
	95-016	SG	Terminal block for high transmission rates	9610723-0	9/28/96	68597	1/11/02

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-002	SG	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	9700604-3	2/28/97	52925	3/30/99
	96-011	SG	High density high performance connector	9701661-2	5/14/97	55318	12/21/99
	96-018	SG	Clamping device	9704032-3	11/21/97	73481	1/16/01
	96-019	SG	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	9703916-8	10/31/97	64457	6/19/01
	96-020	SG	Terminal, isolating or connecting strip	9704377-2	12/9/97	76532	12/19/00
	97-008	SG	Arrangement of contact pairs for compensation of near-end crosstalk	9800318-9	2/12/98		
	97-018	SG	Overvoltage protection plug with fail-safe device	9801003-6	5/4/98		
	97-032	SG	Patch Panel with retractable patch cord	9805875-3	12/21/98	73598	3/19/02
	98-002	SG	Support body for an electrical contact arrangement	200002627-8	1/21/99		
	98-010	SG	Electrical Connector	9901678-4	4/19/99	83713	2/27/02
	98-013	SG	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	200006333-9	5/12/99	76982	11/20/02
	98-022	SG	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-024	SG	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-025	SG	Shielding device for connection strips in telecommunications and data engineering	200102261-5	10/14/99	80342	4/30/03
	99-007	SG	Connector element with closure device	PCT/EP00/02122	3/10/00		
	99-015	SG	Housing for installing terminal blocks for telecommunications and data engineering	200000244-4	1/14/00	92667	4/30/04
	99-017	SG	Connecting cable with an electrical plug connection	200202693-8	11/16/00	88888	5/31/04
	AE436	SG	Shielded Electrical Connector	9610654-7	9/20/96		
	E-TO-00029	SG	Modular Plug with Slider Latch	200802499-4	10/2/06		
	E-TO-00091	SG	Connector Receptacle Assembly	200806747-2	3/13/07	146073	5/31/11
	ITRACS001	SG	A System for Monitoring Connection Pattern of Data Ports	9901521-6	4/6/99	74714	7/31/06
	ITRACS002	SG		200001891-1	4/5/00	74761	11/30/04
	MP0245COM	SG	Method For Form Closure Using Ht Recover Sheet Material	93/84	12/18/84	84	12/18/84

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0838COM	SG	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	8791006.3	10/11/83	24773	8/31/89
	MP0838COM	SG	Gel Caps (Termseal) & Tapes (Geltek) For Protecting Substrates	1007/87	10/11/83	24774	10/5/88
	MP0839COM	SG	Optical Fiber Tap	780/87	2/15/88	780/87	2/15/88
02316.3413SGWO	TO-00509	SG	Optical Fiber Connection System Including Optical Fiber Alignment Device	11201404688X	2/6/13		
02316.3845SGWO	18204	SG	Method and Apparatus for Providing Out of Band Communications Over Structured Cabling	200703853-2	11/29/05		
02316.3882SGWO	E-TO-00009	SG	Electrical Connector with Crosstalk Compensation	200704594-1	12/16/05	133296	10/30/09
02316.3887SGWO	E-TO-00088	SG	Receptacle with Crosstalk Optimizing Contact Array	200806639-1	3/9/07	145993	4/15/11
02316.3889SGWO	E-TO-00090	SG	Electrical Connector Having Contact Plates	200807458-5	4/26/07		
2316.1006/01		SG	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	200104195-3	1/3/00		
2316.1007/I1		SG	TELECOMMUNICATIONS JACK ASSEMBLY	200104255-5	1/4/00		
2316.1890/I1		SG	METHODS AND SYSTEMS FOR POSITIONING CONNECTORS TO MINIMIZE ALIEN CROSSTALK	200605636-0	2/18/05	124888	2/27/09
2316.1910/WO		SG	Communication wire	200501810-6	9/8/03	110896	12/31/07
13621		SG	LOCAL AREA NETWORK INTERFACE	274487	6/11/87	P9791979-9	1/11/95
15872		SG	AN ELECTRICAL CONNECTOR AND AN ASSOCIATED METHOD FOR COMPENSATING FOR CROSSTALK BETWEEN A PLURALITY OF CONDUCTORS	9706273-1	4/4/96	53491	7/24/01
16980		SG	HOUSING FOR OPTICAL FIBRES	2281408	3/24/93	9790673-9	3/24/93
40427		SG	SEALED SPLICING CONNECTOR				
4935		SG	MODULAR TELEPHONE PLUG	GB2122819	5/12/83	197/1988	6/5/85
	03-010	SI	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	09-011	SI	Terminal strip	10712336.6	3/26/10	2441128	3/12/14
	00-002	SI	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-004	SI	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-007	SI	Electrical connector with spaced contact portions	01940348.4-1231	4/25/01		
	00-009	SI	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-012	SI	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-015	SI	Electrical Connector	01956564.7-2217	7/26/01	1312137	5/25/05
	00-017	SI	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05
	00-020	SI	Distribution cabinet	01919316.8-2214	2/20/01	1264522	8/17/05
	03-001	SI	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	03-003	SI	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-005	SI	Conductor connection module for printed circuit boards	04740236.7-2214	6/24/04	1649549	11/2/06
	03-006	SI	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-012	SI	Slipover distribution cabinet	04713893.8	2/24/04	1597804	1/17/07
	03-013	SI	Construction kit for distribution cabinets	04006018.8	3/12/04		
	04-004	SI	Connection module for telecommunications and data technology	05776552.1	8/30/05	1787481	5/27/09
	04-012	SI	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	SI	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	SI	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	SI	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	87-077	SI	Device for holding connector banks in telecommunication systems	P8811480	8/1/88	8811480	3/11/96
	88-088	SI	Protective plug for connector or disconnector banks	P 8910378	10/13/93	8910378	6/8/95
	90-006	SI	Connecting block for the telecommunication and data technology	P-9110406	11/19/93	9110406	3/4/98
	90-012	SI	Cutting Clamping Contact	P9110839	10/13/93	9110839	11/12/97
	90-015	SI	Protective circuit and protective device plug for telecommunication installations	9111377	10/13/94	9111377	11/6/97
	93-017	SI	Method for monitoring the filing levels of material of value collection containers	94105657.4	4/13/94		
	94-021	SI	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	P-9700193	7/21/97	9700193	3/1/99
	94-026	SI	Flip-over Display Module	95109294.9	6/16/95		
	94-031	SI	Protection plug	95109298.0	6/16/95	9530019	9/3/97

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-035	SI	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	95111172.3	7/15/95		
	95-006	SI	Electrical Connectors	96105422.8	4/4/96		
	95-012	SI	Distribution device for telecommunications and data technique	96113135.6	8/16/96		
	95-013	SI	Termination device for the telecommunication and data technique	96114423.5-2209	9/10/96		
	95-016	SI	Terminal block for high transmission rates	96111904.7-2308	7/24/96	9630259	11/29/00
	95-019	SI	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96113454.1-2209	8/22/96		
	96-002	SI	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97101240.6	1/28/97	0797379	9/18/02
	96-011	SI	High density high performance connector	97108131.0	5/20/97		
	96-018	SI	Clamping device	97118901.4	10/30/97	9730050	3/1/00
	96-019	SI	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97118902.2	10/30/97	0848390	1/15/03
	96-020	SI	Terminal, isolating or connecting strip	97121398.8	12/5/97	9730133	9/19/01
	97-008	SI	Arrangement of contact pairs for compensation of near-end crosstalk	98102652.9	2/17/98		
	97-018	SI	Overvoltage protection plug with fail-safe device	98107524.5	4/24/98		
	97-030	SI	High Frequency Cable	98964444.8	11/27/98		
	98-001	SI	Optical fibre connector	98960871.6	12/8/98		
	98-002	SI	Support body for an electrical contact arrangement	99906182.3	1/21/99		
	98-013	SI	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	99924976.6	5/12/99	1080518	10/22/03
	98-022	SI	Cable manager for multi-core cable	99941570.6	8/10/99		
	98-024	SI	Method and circuit arrangement for transmitting data via power lines	99941630.8-2211	8/19/99		
	99-006	SI	Device for mounting terminal strips for telecommunication, control power and data technology	00907649.8	2/29/00	1159831	7/11/07
	99-009	SI	Socket	00110100.5	5/13/00	1059477	7/19/06
	99-010	SI	Traction relief device for a wire	00110099.9	5/13/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	99-017	SI	Connecting cable with an electrical plug connection	00976033.1	11/16/00	1236248	5/2/03
	99-019	SI	Distribution cabinet	99121185.5	10/22/99	1047167	8/7/03
	MP0736	SJ	Heat-Recoverable Closure Assembly			C.3093	11/4/86
2316.0372		SK	MINIATURE COAX JACK MODULE	PV116194	7/14/92		
2316.1863		SK	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	05771738.1	6/13/05	1766452	8/4/10
2316.1912		SK	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	08008856.0	5/14/08	1962519	9/29/10
2316.1912		SK	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	05 826 135.5	11/2/05	1808028	5/14/08
	03-010	SK	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	09-011	SK	Terminal strip	10712336.6	3/26/10	2441128	3/12/14
	MP1492	SK	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	PV1302-96S	4/6/95		
	00-012	SK	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-015	SK	Electrical Connector	PV 0195-2003S	7/26/01	287773	7/11/11
	00-017	SK	Coupling device for glass fiber connectors	PV 0377-2003S	9/21/01		
	01-004	SK	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	02-003	SK	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	02-004	SK	Device for an optical-fiber connection	03727357.0-1234	4/25/03	1502142	6/28/06
	03-001	SK	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	03-003	SK	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-005	SK	Conductor connection module for printed circuit boards	04740236.7-2214	6/24/04	1649549	11/2/06
	03-006	SK	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	03-012	SK	Slipover distribution cabinet	04713893.8	2/24/04	1597804	1/17/07
	03-013	SK	Construction kit for distribution cabinets	04006018.8	3/12/04	1458073	1/3/07
	04-012	SK	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	SK	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	SK	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	06-010	SK	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	90-009	SK	Device for displaying announcements, in particular prices in numerical form	PV 927-91	4/4/91		
	90-011	SK	Terminal block for telecommunications systems	PV 1329-91	5/7/91	278440	6/24/98
	91-022	SK	Switching assembly for glass fibre cables of the telecommunication and data technology	PV3003-92	10/1/92		
	92-013	SK	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	PV 0802-93S	7/28/93	278460	6/24/97
	92-014	SK	Split flap display device	PV 0832-93	8/5/93		
	92-019	SK	Method for elctronically labelling articel	1254-93	11/10/93		
	93-040	SK	Process for reducing the tearability of a thermally shrinkable web	PV 463-94			
	94-039	SK	Charge detection in a telephone network	PV366-96	7/12/95		
	95-002	SK		PV 221-96	2/19/96		
	95-013	SK	Termination device for the telecommunication and data technique	PV 1236-96S	9/27/96		
	95-016	SK	Terminal block for high transmission rates	PV 1217-96S	9/25/96	282787	10/3/02
	95-019	SK	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	PV 1235-96S	9/27/96		
	96-011	SK	High density high performance connector	PV0626-97S	5/5/97		
	96-013	SK	Connecting terminal	PV1364-97	10/9/97		
	96-018	SK	Clamping device	PV1556-97S	11/18/97	282839	10/15/02
	96-019	SK	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	PV1626-97	12/1/97		
	96-020	SK	Terminal, isolating or connecting strip	PV1692-97	12/8/97	284329	11/18/04
	97-008	SK	Arrangement of contact pairs for compensation of near-end crosstalk	PV0286-98-S	3/4/98		
	98-002	SK	Support body for an electrical contact arrangement	PV1075-2000S	1/21/99		
	98-013	SK	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	PV1703-2000S	5/12/99	286693	1/19/09
	98-022	SK	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-024	SK	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	99-006	SK	Device for mounting terminal strips for telecommunication, control power and data technology	PCT/EP00/01685	2/29/00		
	99-017	SK	Connecting cable with an electrical plug connection	PV0790-2002S	11/16/00	287246	2/5/10
	MP1431	SK	Hybrid Fiber In The Loop Telephony System	PV1045-94	2/22/93		
	MP1514	SK	Environmental Protection Device With Manually Operated Latch Mechanism	PV1535-96	5/17/95		
	NC019	SK	Telecommunications Terminal		2/7/95		
WR148		SK	Hand Operated Multiple Wire Connector With Guide Slots				
WR155		SK	Silicone Rubber Seal For Box				
WR165		SK	Catv Box For In-Line/Butt Connection	244/96	8/23/94		
WR166		SK	Shaped Silicone Rubber Seal For Uteic Closure				
WR168		SK					
	98-024	SL	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	99-017	SN	Connecting cable with an electrical plug connection	PCT/EP00/11348	11/16/00		
	86-064	SV	A casing, particulary a junction-box casing for telecommunications engineering		6/10/87		
	87-077	SV	Device for holding connector banks in telecommunication systems	46/88	8/18/88	49/1	8/20/98
	90-012	SV	Cutting Clamping Contact		5/27/91		
	90-015	SV	Protective circuit and protective device plug for telecommunication installations	306/91	7/31/91	50/1	8/13/98
	91-014	SV	Cutting and clamping sleeve contact		2/1/93		
	96-002	SV	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	20/97	3/13/97		
	99-016	SV	STC-Module	220-2000	11/20/00		
	00-008	SY	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology		6/11/01		
	00-009	SY	Connection module with overvoltage device		6/12/01		
	00-012	SY	Assembly and method for use in terminating an optical fiber or fibers	151084	6/12/01		
	96-020	SY	Terminal, isolating or connecting strip		12/6/97		
	99-006	SY	Device for mounting terminal strips for telecommunication, control power and data technology		3/12/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0414		TH	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	062480	12/14/00		
100.0718		TH	TUNABLE SEMICONDUCTOR LASER WITH INTEGRATED WIDEBAND REFLECTOR	075094	7/10/02		
100.0963		TH	Cellular base station	037430	5/21/97		
100.0964		TH	Cellular base station	037406	5/19/97		
100.1148		TH	TUNABLE ELECTRO-ABSORPTION MODULATOR AND TUNABLE LASER	075365	7/23/02		
2316.0172		TH	OPTICAL SWITCH	008,632	5/4/89		
2316.0777		TH	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	043,065	3/30/98		
2316.0942		TH	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	050,679	5/27/99		
2316.1017		TH	CABLE MANAGEMENT RACK FOR TELECOMMUNICATION CROSS-CONNECT SYSTEMS	055,636	2/8/00		
2316.1150		TH	CONNECTOR PLUG AND INSERT FOR TWISTED PAIR CABLES	062400	12/8/00		
2316.1177		TH	UPGRADEABLE MEDIA WALL CONVERTER AND HOUSING	067563	8/9/01		
2316.1180		TH	DESIGN AND ESTIMATING TOOLS FOR THE DESIGN OF TELECOMMUNICATIONS INFRASTRUCTURE IN A STRUCTURE	063960	3/1/01		
2316.1223		TH	CIRCUIT ASSEMBLY FOR MONITORING PORT ACTIVITY AND INTEGRITY OF A MULTIPORT MEDIA CONVERTER	067561	8/9/01		
2316.1231		TH	METHOD AND SYSTEM FOR MDI CROSSOVER CONTROL	067562	8/9/01		
2316.1255		TH	METHOD AND APPARATUS FOR DISTRIBUTION OF POWER IN A MEDIA CONVERTER SYSTEM	067564	8/9/01		
2316.1288		TH	INTERCONNECT MODULE	075805	8/13/02		
2316.1414		TH	TELECOMMUNICATIONS CHASSIS AND MODULE (DS3 E/O IOR & System)	074004	5/29/02		
2316.1485		TH	INTERCONNECT CHASSIS AND MODULE	075806	8/13/02		
2316.1486		TH	CARD EDGE CONTACT INCLUDING COMPLIANT END	075807	8/13/02		
2316.1691		TH	SYSTEM AND METHOD OF GROUNDING FIBER STORAGE TRAYS	109087	2/28/06		
2316.1912		TH	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	0501005169	11/3/05		
2316.2114		TH	FIBER OPTIC SPLITTER MODULE	0601002351	5/23/06	41789	10/8/14

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2115		TH	FIBER OPTIC ADAPTER MODULE	0601002352	5/23/06	41775	10/7/14
2316.2314		TH	FIBER OPTIC SPLITTER MODULE	0701000624	2/12/07		
2316.3395		TH	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing				
	03-002	TH	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	089244	3/9/04		
	NC071	TH	Toggle Type Telecommunications Terminal Blocks	089606	3/23/04		
	NC074	TH	Toggle Type Telecommunications Terminal Blocks Including a Travel Limit Member	094302	10/5/04		
	NC011	TH	Telecommunications Network Interface Assembly	016065	5/12/92		
	NC029	TH	Non-Interrupt Bypass Switch For RF Circuits	041451	12/22/97		
	NC030	TH	RF Chokes Comprising Parallel Coupled Inductors	042833	3/18/98		
	MP1492	TH	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	023319	8/1/94		
	00-004	TH	Duplex connector for fiber clips	064982	4/12/01		
	00-008	TH	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	066230	6/13/01		
	00-009	TH	Connection module with overvoltage device	066231	6/13/01	31126	11/4/11
	00-012	TH	Assembly and method for use in terminating an optical fiber or fibers	066135	6/8/01		
	00-014	TH	Connecting element and method for making electrical contact with an electrical core without using any tools	067458	8/6/01		
	00-015	TH	Electrical Connector	067715	8/15/01		
	00-018	TH	Plastic patch panel	068581	9/25/01	26094	6/5/09
	00-019	TH	Optical Fibre Connection Housing	068582	9/25/01		
	01-005	TH	Strain relief device for a Plug Connector for Communications and Data technology	076675	9/18/02		
	01-007	TH	Terminal block	077156	10/7/02		
	02-001	TH	Access guard for distributor modules	080674	3/6/03		
	02-005	TH	Distribution box connection module for telecommunications and data technology	084307	8/6/03		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	02-006	TH	Patch Cord Connector	083907	7/21/03		
	02-008	TH	Method and device for coupling optical fibers	086850	11/20/03		
	03-001	TH	Distribution frame with access for testing	089171	3/4/04		
	03-003	TH	Overvoltage protection magazine for a telecommunications device	090135	4/12/04		
	03-004	TH	Glass-fiber coupler module	090136	4/12/04		
	03-006	TH	Distribution board connection module	093348	8/27/04		
	05-011	TH	Insulation displacement connector and equipment for telecommunications and data technology	0601003396	7/20/06		
	06-004	TH	Press-fit-connector	0701002462	5/17/07		
	06-018	TH	Plug-in connector for printed circuit boards	0701006449	12/17/07		
	07-035	TH	Cable guide and device for telecommunications and data technology	0801004292	8/19/08		
	07-037	TH	Plug type printed circuit board connector	0801005400	10/21/08		
	07-038	TH	Distribution board connection module	0801005401	10/21/08		
	07-041	TH	Overvoltage protection plug and grounding rail	0801005867	11/14/08		
	07-043	TH	Broadband over power line loom, PLL	0801004510	9/2/08		
	08-017	TH	Distribution board connection module for telecommunications and data technology	0901003164	7/14/09		
	80-128	TH	Over-voltage arrester device for terminal or junction blocks in telecommuncation equipment	000434	4/16/81	2708	12/25/91
	80-129	TH	A twin contact terminal element	000462	5/8/81	1826	6/28/90
	80-132	TH	A self supporting terminal element	000463	5/8/81	2838	3/19/92
	81-135	TH	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	001112	9/3/82	2565	9/26/91
	82-030	TH	Modular plug connector	001274	12/22/82	2839	3/19/92
	83-140	TH	A cable distribution head	002207	2/14/84	2731	1/17/92
	84-147	TH	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	002643	7/27/84	2564	9/26/91
	85-003	TH		004564	6/17/86		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	86-019	TH	Connector bank for cable wires, in particular for telephone cables	005481	4/29/87	5207	2/22/96
	86-064	TH	A casing, particulary a junction-box casing for telecommunications engineering	005568	5/27/87	3851	7/13/94
	86-066	TH	Cutting/clamping terminal element for electrical conductors	006175	11/5/87	3646	3/3/94
	86-069	TH	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	006225	11/18/87	6429	1/29/97
	87-077	TH	Device for holding connector banks in telecommunication systems	006977	6/6/88	6085	9/4/96
	87-166	TH	Terminal unit for cable pairs in Telecommunication systems	006957	6/2/88	3644	3/3/94
	88-088	TH	Protective plug for connector or disconnector banks	008353	3/22/89	6428	1/29/97
	88-095	TH	Contact member of electrical conductors	008870	6/21/89		
	88-159	TH	Connecting element for optical waveguides	007415	9/8/88	7145	9/18/97
	89-010	TH	Wire connector for cable wires, in particular of telecommunication cables	011821	9/14/90		
	90-006	TH	Connecting block for the telecommunication and data technology	012978	3/6/91	7422	12/11/97
	90-011	TH	Terminal block for telecommunications systems	011767	9/5/90	5124	2/5/96
	90-012	TH	Cutting Clamping Contact	013452	5/20/91	6964	7/23/97
	90-015	TH	Protective circuit and protective device plug for telecommunication installations	014037	7/30/91	6747	5/21/97
	91-014	TH	Cutting and clamping sleeve contact	016670	8/11/92		
	92-004	TH	Case, in particular cable branching case	017866	1/8/93		
	92-026	TH	Method and arrangement for establishing networks of electro-optical display-field modules	020699	11/18/93		
	93-005	TH	Closing device for the door of a casing	021228	1/12/94		
	93-020	TH	Termination module	022384	5/9/94	8247	7/31/98
	93-023	TH	Connection block for high speed transmission in the telecommunication and data system	023244	7/26/94	19508	2/24/06
	93-035	TH	Insulation displacement contact	021537	2/16/94		
	93-040	TH	Process for reducing the tearability of a thermally shrinkable web	021965			
	93-040	TH	Process for reducing the tearability of a thermally shrinkable web	AU-B-59169/9		Acc.No.6	
	94-007	TH	Insulation displacement contact element	024458	11/11/94		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	94-012	TH	Obliquely disposed insulation displacement contact	025477	2/20/95	9222	11/17/99
	94-021	TH	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	026901	6/20/95	25503	2/25/09
	94-031	TH	Protection plug	027980	9/15/95		
	94-035	TH	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	027981	9/15/95	10438	5/17/01
	95-012	TH	Distribution device for telecommunications and data technique	033466	9/27/96		
	95-013	TH	Termination device for the telecommunication and data technique	033465	9/27/96		
	95-016	TH	Terminal block for high transmission rates	033464	9/27/96		
	95-019	TH	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	033463	9/27/96		
	96-001	TH	Electronic access control and security system	036109	3/7/97		
	96-002	TH	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	036290	3/17/97	14821	6/3/03
	96-011	TH	High density high performance connector	037420	5/21/97		
	96-013	TH	Connecting terminal	038626	7/18/97		
	96-018	TH	Clamping device	040857	11/20/97		
	96-019	TH	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	041121	12/8/97		
	96-020	TH	Terminal, isolating or connecting strip	041122	12/8/97	31602	1/10/12
	97-002	TH	Outdoor housing	042598	3/5/98		
	97-003	TH	Protection Plug	042473	2/26/98	25776	4/3/09
	97-008	TH	Arrangement of contact pairs for compensation of near-end crosstalk	04253	3/3/98		
	97-012	TH	Distribution block for telecommunication and data technology	042655	3/9/98		
	97-013	TH	Stationary housing with wall elements made of plastic	042681	3/10/98		
	97-016	TH	Overvoltage protection module	043708	5/7/98		
	97-018	TH	Overvoltage protection plug with fail-safe device	044093	5/28/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	98-001	TH	Optical fibre connector	047803	12/17/98		
	98-002	TH	Support body for an electrical contact arrangement	048375	1/26/99		
	98-013	TH	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	050484	5/17/99		
	98-022	TH	Cable manager for multi-core cable	052620	9/6/99		
	98-025	TH	Shielding device for connection strips in telecommunications and data engineering	053928	11/15/99		
	99-004	TH	Overvoltage protection element	055301	1/20/00		
	99-015	TH	Housing for installing terminal blocks for telecommunications and data engineering	060458	9/18/00		
	99-017	TH	Connecting cable with an electrical plug connection	062278	12/4/00		
	DESNC 005	TH	Telecommunications Connector	18824	5/17/93	8611	11/25/98
	DESNC 006	TH	Telecommunications Terminal	18825	5/17/93	8610	11/25/98
	ITRAC S001	TH	A System for Monitoring Connection Pattern of Data Ports	64706	3/29/01		
	ITRAC S002	TH		64706	3/29/01		
	MP127 5	TH	Rotary Connection Strain Relief On Terminal Block	9343	9/18/89		
	MP137 4A	TH	Alarm And Test System For A Digital Added Mail Line	014292	9/4/91		
	MP143 2	TH	Low Temperature Expandable Gaskets	016743	8/21/92		
	MP151 1	TH	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	023438	8/11/94		
	MP162 1	TH	Sealed Coaxial Cable Connector	042832	3/18/98		
	NC001	TH	Environmental Sealing				
	NC003	TH	Cable Seal	013926	7/18/91		
	NC005	TH	Fiber Optic Splice Organizer And Associated Method	016963	10/21/92	5691	6/24/96
	NC006	TH	Gas Tube Vent-Safe Device	16591	9/17/92		
	NC008	TH	Surge Arrestor Fail Safe Thermal Overload Mechanism	016532	7/21/92		
	NC009	TH	Connector Ground Clip	020751	11/24/93		
	NC012	TH	Fiber Optic Splice Closure	018048	2/1/93	5697	6/26/96

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC016	TH	Fiber Optic Splice Closure And Associated Methods	022128	4/15/94		
	NC019	TH	Telecommunications Terminal	025225	1/20/95		
	NC025	TH	Protected Telecommunications Terminal	027495	8/4/95		
	NC027	TH	Button Protection Device	030513	3/19/96		
	NC042	TH	Fiber Optic Drop Splice Closure And Related Methods	050614	5/25/99		
	NC056	TH	Terminal Blocks And Methods For Making And Breaking Connections In A Telecommunications Conductor	066886	7/12/01		
	MP1405	TH		13709	7/19/91		
02316.3999THI1	MP1374B	TH	Gel Filled Electrical Connector	015577	3/2/92	31780	1/30/12
02316.4000TH01	NC004	TH	Telecommunications Terminal Block	014659	10/10/92		
2316.1006/01		TH	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	055,022	1/7/00		
2316.1007/I1		TH	TELECOMMUNICATIONS JACK ASSEMBLY	055,093	1/11/00		
2316.1411/I1		TH	TELECOMMUNICATIONS CHASSIS AND CARD WITH FLAME SPREAD CONTAINMENT- (T1 High Density IOR)	072796	4/2/02		
2316.1411/I2		TH	TELECOMMUNICATIONS CHASSIS AND CARD WITH FLAME SPREAD CONTAINMENT- (T1 High Density BOR)	073544	5/8/02		
2316.1910/01		TH	Communication wire	0301003374	9/10/03		
14305		TH	CYLINDRICAL INSULATION DISPLACING CONNECTOR	11488	7/25/90		
14764		TH	INSULATION DISPLACING BARREL TERMINAL	15077	12/17/91		
14774		TH	PLUGGABLE CONNECTOR FOR USE WITH INSULATION DISPLACING BARREL TERMINALS	11285	6/28/90		
15496		TH	MODULE FOR TELEPHONE LINE CONDUCTOR PAIR HAVING SINGLE PROTECTOR UNIT	19903	8/26/93		
15673		TH	MICRO-CONNECTOR	21473	2/11/94		
15700		TH	NETWORK INTERFACE DEVICE MODULE PROVIDING SEALED CUSTOMER ACCESSIBLE TEST PORT	22306	4/29/94		
15780		TH	CAPTIVATED FIBER OPTIC CONNECTOR	22142	4/18/94		
WR163		TH	Uteic With Dust Flap	022974	6/29/94		
WR171		TH	Catv Tap With Switch	024050			
WR172		TH	Catv Tap With Power Tap-Off	024051			

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1519		TJ	JACK; JACK ASSEMBLY; AND METHODS	200400084	7/9/02	007249	8/25/06
	98-024	TJ	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
2316.1910/WO		TJ	Communication wire	200500485	9/8/03	007750	12/19/06
2316.1519		TM	JACK; JACK ASSEMBLY; AND METHODS	200400084	7/9/02	007249	8/25/06
	98-024	TM	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
2316.1910/WO		TM	Communication wire	200500485	9/8/03	007750	12/19/06
	99-017	TN	Connecting cable with an electrical plug connection	SN00236	12/6/00		
2316.1481		TR	DSX JACK INCLUDING SLIDING REAR CONNECTOR	02762071.5-1528	4/11/02	TR200702588T4	7/24/07
2316.2473		TR	FIBER OPTIC CONNECTOR MECHANICAL INTERFACE CONVERTER	08713473.0	1/3/08	2106562	3/11/15
	00-004	TR	Duplex connector for fiber clips	01938028.6	3/21/01	1275022	6/18/08
	00-009	TR	Connection module with overvoltage device	01957810.3	5/30/01	1290762	2/13/08
	00-018	TR	Plastic patch panel	01985780.4	9/24/01	1322981	7/14/04
	03-010	TR	Distribution device for communications and data technology	04820393.9	11/12/04	2105033	4/14/10
	07-004	TR	Terminal block	07856677.5	12/13/07	2127029	4/23/14
	09-011	TR	Terminal strip	10712336.6	3/26/10	2441128	3/12/14
	00-008	TR	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	01962691.0-2308	5/30/01	1290760	11/12/03
	01-004	TR	Universal adapter	02762379.2-2216	7/27/02	1419408	3/28/07
	03-006	TR	Distribution board connection module	04764006.5-2214	8/12/04	1658660	10/10/07
	NC014	TR	Telecommunications Terminal Block				
	NC016	TR	Fiber Optic Splice Closure And Associated Methods				
	00-001	TR	Shielding device for terminal blocks	00126936.4	12/8/00	1117158	2/13/08
	00-002	TR	Compensation device for an electrical connector	01101324.0	1/20/01		
	00-007	TR	Electrical connector with spaced contact portions	01940348.4-1231	4/25/01		
	00-012	TR	Assembly and method for use in terminating an optical fiber or fibers	01936684.8	6/11/01	1290479	2/23/05
	00-013	TR	Connection module	01117086.7	7/13/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-015	TR	Electrical Connector	01956564.7-2217	7/26/01	1312137	5/25/05
	00-017	TR	Coupling device for glass fiber connectors	01985758.0	9/21/01	1320777	3/16/05
	00-019	TR	Optical Fibre Connection Housing	01982343.4-1524	9/24/01		
	01-005	TR	Strain relief device for a Plug Connector for Communications and Data technology	02772141.4-2214	8/12/02	1428300	4/14/10
	02-003	TR	Coupling for optical-fiber connectors	03747356.8-2216	4/25/03	1502143	8/30/06
	02-004	TR	Device for an optical-fiber connection	03727357.0-1234	4/25/03	1502142	6/28/06
	03-001	TR	Distribution frame with access for testing	04712500.0-2414	2/19/04		
	03-003	TR	Overvoltage protection magazine for a telecommunications device	04723541.1	3/26/04	1614200	9/12/07
	03-005	TR	Conductor connection module for printed circuit boards	04740236.7-2214	6/24/04	1649549	11/2/06
	03-012	TR	Slipover distribution cabinet	04713893.8	2/24/04	1597804	1/17/07
	03-013	TR	Construction kit for distribution cabinets	04006018.8	3/12/04		
	04-004	TR	Connection module for telecommunications and data technology	05776552.1	8/30/05	1787481	5/27/09
	04-012	TR	Plug-in connector for printed circuit boards	05799678.7-1231	10/31/05	1807906	11/26/08
	04-014	TR	Cable connector for printed circuit boards	05801752.6	11/3/05	1829387	12/9/09
	05-011	TR	Insulation displacement connector and equipment for telecommunications and data technology	06762657.2	7/17/06	1905127	4/6/11
	06-010	TR	Connector Block	07786141.7	7/18/07	2044654	1/6/10
	82-035	TR	Terminal element for cable wires and drop wire cables	2624	4/14/83	22512	9/16/87
	84-147	TR	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	5096/84	7/25/84	22035	1/29/86
	85-003	TR		29252	6/18/86	22768	7/1/88
	86-019	TR	Connector bank for cable wires, in particular for telephone cables	17298	4/29/87	23079	2/22/89
	86-064	TR	A casing, particulary a junction-box casing for telecommunications engineering	26122	7/3/87	23389	12/29/89
	86-069	TR	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	39971	12/2/87	24108	3/19/91

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	87-077	TR	Device for holding connector banks in telecommunication systems	28298	6/8/88	24666	1/9/92
	88-006	TR		18906/88	4/13/88	26000	10/8/93
	88-086	TR	Tool for connecting cable wires	6537	2/3/89	23872	10/16/90
	88-088	TR	Protective plug for connector or disconnector banks	21814	4/17/89	24040	2/6/91
	88-095	TR	Contact member of electrical conductors	43119	9/7/89	25933	9/17/89
	88-098	TR	Plug connector for telecommunication and data systems	38582	8/4/89	24251	7/4/91
	89-006	TR	Connector banks with voltage surge protection	410/90	5/4/90	25999	10/8/93
	89-010	TR	Wire connector for cable wires, in particular of telecommunication cables	1068	11/14/90	26608	5/4/94
	89-014	TR				24643	
	89-101	TR	Plug connector	462	1/3/90		
	89-102	TR	Shield connecting element for a connector bank	02293	1/15/90	28489	8/12/96
	90-002	TR	Voltage limiter	116/91	2/7/91	24932	7/27/92
	90-006	TR	Connecting block for the telecommunication and data technology	91/199	3/6/91	26540	4/22/94
	90-011	TR	Terminal block for telecommunications systems	28043	5/9/91	25950	9/21/93
	90-012	TR	Cutting Clamping Contact	33265	5/29/91	27672	6/16/95
	90-015	TR	Protective circuit and protective device plug for telecommunication installations	47904	8/13/91	25633	5/3/93
	91-010	TR		44275	7/22/92		
	91-013	TR	Terminal bank for the telecommunication and data technology	49349	8/19/92	26715	7/6/94
	91-014	TR	Cutting and clamping sleeve contact	51532	9/2/92	28434	7/1/96
	91-022	TR	Switching assembly for glass fibre cables of the telecommunication and data technology	56190	10/1/92	26666	7/4/94
	92-004	TR	Case, in particular cable branching case	2541	1/13/93	27470	5/29/95
	92-006	TR	Cutting and clamping Terminal Element	92/236	3/2/93	27680	6/16/95
	92-013	TR	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	93/679	7/28/93	271657	11/10/94
	92-019	TR	Method for elctronically labelling articel	11028	11/10/93		
	92-022	TR	Connector for high-speed networks of the voice and data transmission (CDDI Connector)	1135	12/6/93	28193	2/13/96

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	93-005	TR	Closing device for the door of a casing	4606	1/19/94		
	93-020	TR	Termination module	36337	6/1/94	28482	9/10/96
	93-023	TR	Connection block for high speed transmission in the telecommunication and data system	25579	7/26/94	28187	3/1/96
	93-030	TR	Terminal block	94/967	9/22/94	29156	3/4/98
	93-034	TR	Termination unit for telecommunication and data lines	1278	12/8/94		
	93-040	TR	Process for reducing the tearability of a thermally shrinkable web	94/424			
	94-007	TR	Insulation displacement contact element	95/33	1/12/95	29267	8/24/98
	94-012	TR	Obliquely disposed insulation displacement contact	95/324	3/28/95		
	94-015	TR	Housing for optical components	95/452	4/20/95		
	94-021	TR	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95/785	6/29/95	TR 1995 00785B	12/22/03
	94-031	TR	Protection plug	95/01193	9/29/95	TR199501193 B	5/21/01
	95-012	TR	Distribution device for telecommunications and data technique	96/717	9/12/96		
	95-013	TR	Termination device for the telecommunication and data technique	96/739	9/20/96		
	95-016	TR	Terminal block for high transmission rates	96/682	8/23/96	TR199600682 B	1/21/03
	95-019	TR	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96/740	9/20/96		
	96-001	TR	Electronic access control and security system	97/175	3/7/97	TR199700175 B	12/21/00
	96-002	TR	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97/165	3/6/97		
	96-005	TR	Management-capable splice cassette	97/129	3/3/97	TR 199700129 B	7/21/05
	96-011	TR	High density high performance connector	97/412	5/22/97		
	96-013	TR	Connecting terminal	97/1172	10/14/97		
	96-018	TR	Clamping device	97/1412	11/21/97	TR199701412 B	6/21/01
	96-019	TR	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97/1586	12/10/97	TR199701586 B	3/31/02

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-020	TR	Terminal, isolating or connecting strip	97/1578	12/9/97	TR199701578 B	10/22/01
	96-021	TR	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	1596	12/11/97		
	96-025	TR	Wall for the casing or the door of a cabinet, especially for electric or electronic assemblies	97/445	5/30/97	TR199700445 B	5/23/05
	97-002	TR	Outdoor housing	98/391	3/5/98		
	97-003	TR	Protection Plug	98/336	2/27/98	TR199800336 B	11/21/05
	97-008	TR	Arrangement of contact pairs for compensation of near-end crosstalk	98/389	3/5/98		
	97-012	TR	Distribution block for telecommunication and data technology	98/429	3/10/98		
	97-013	TR	Stationary housing with wall elements made of plastic	98/431	3/10/98		
	97-016	TR	Overvoltage protection module	98/831	5/8/98		
	97-018	TR	Overvoltage protection plug with fail-safe device	98/945	5/28/98		
	97-019	TR	Interface module	98/1016	6/4/98		
	97-025	TR	Casing	98/2072	10/15/98		
	98-002	TR	Support body for an electrical contact arrangement	2000/02183	1/21/99		
	98-013	TR	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	2000/3400	5/12/99	TR200003400 B	6/21/01
	98-022	TR	Cable manager for multi-core cable	PCT/EP99/05 831	8/10/99		
	98-023	TR	Electrical Connector	99/1764	7/23/99		
	98-024	TR	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06 008	8/19/99		
	98-025	TR	Shielding device for connection strips in telecommunications and data engineering	2001/1466	10/14/99		
	99-006	TR	Device for mounting terminal strips for telecommunication, control power and data technology	PCT/EP00/01 685	2/29/00		
	99-017	TR	Connecting cable with an electrical plug connection	02/1499	11/16/00	TR200201499 B	12/22/03
	99-018	TR	Electrical Connector	00124720.4	11/13/00		
	ITRAC S001	TR	A System for Monitoring Connection Pattern of Data Ports	0103825T2	4/5/00		
	MP106 4	TR	Optical Fiber Distribution Network	31135/86	7/11/86		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC044	TR	Fiber Optic Splice Closure Including Side Pivoting Slack Storage Holder And Associated Methods	2001/01326	11/12/99	2001-01326 B	
	NC045	TR	Fiber Optic Splice Closure Including End Pivoting Slack Storage Holder And Associated Methods	2001/01322	11/12/99	2001 01322 B	6/21/02
02316.3883TREP	E-TO-00028	TR	Duplex Plug Adapter Module	06769906.6	4/27/06	TR200901666T4	12/10/08
2316.1838/P2		TR	FIBER ACCESS TERMINAL	05728278.2	3/8/05	TR201000848T4	11/11/09
15415		TR	CATEGORY 5 TELECOMMUNICATION CABLE	94/0675	6/24/94	28499	9/2/96
15700		TR	NETWORK INTERFACE DEVICE MODULE PROVIDING SEALED CUSTOMER ACCESSIBLE TEST PORT	95/0208	3/1/95	28905	7/17/97
40108		TR	DATA COMMUNICATION OUTLET KIT	94/01101	10/21/94		
WR142		TR		1118/91	11/26/91		
	98-024	TT	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
100.0019		TW	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	90116219	7/3/01	182,044	10/17/03
100.0053		TW	MICROCELLULAR COMMUNICATIONS SYSTEM WITH CENTRALIZED BASE STATIONS AND DISTRIBUTED ANTENNA UNITS	82106764	8/21/93	NI-69123	4/14/95
100.0061		TW	MULTI-POINT TO POINT COMMUNICATION SYSTEM	86101520	2/14/97	091882	4/22/98
100.0062		TW	METHOD OF COMMUNICATION CHANNEL MONITORING	85106768	6/6/96	123,937	4/20/01
100.0099		TW	REDUCING WAITING TIME JITTER	88119001	10/30/99	143,745	2/27/02
100.0414		TW	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	89126795	12/14/00	171,806	6/10/03
100.0450		TW	MEASURING AN ERROR RATE IN A COMMUNICATION LINK	92131642	11/12/03		
100.0451		TW	DISTRIBUTED DIGITAL SIGNAL SUMMATION AND GAIN CONTROL	92131643	11/12/03		
100.0452		TW	DISTRIBUTED DIGITAL ANTENNA SYSTEM	92131644	11/12/03		
100.0453		TW	SMALL SIGNAL THRESHOLD AND PROPORTIONAL GAIN DISTRIBUTED DIGITAL COMMUNICATIONS	92131645	11/12/03		
100.0622		TW	MULTIPLE PORT, FIBER OPTIC CIRCULATOR	88118480	10/26/99	124,506	4/26/01
100.0623		TW	MULTIPLE PORT, FIBER OPTIC ISOLATOR	88118480	10/26/99	137,125	7/1/01
100.0624		TW	MULTIPLE PORT FIBER OPTIC COUPLING DEVICE	088118479	10/26/99	175,425	8/1/03

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0718		TW	TUNABLE SEMICONDUCTOR LASER WITH INTEGRATED WIDEBAND REFLECTOR	91116512	7/24/02	187,595	9/11/03
100.0833		TW	THERMAL MANAGEMENT SYSTEMS AND METHODS FOR ELECTRONIC COMPONENTS IN A SEALED ENCLOSURE	97116951	5/8/08		
100.0961		TW	Multiple antenna cellular network	85106294	5/25/96	089133	12/24/97
100.0969		TW	Frequency agile transceiver with multiple frequency synthesizers per transceiver	84105518	5/31/95	125207	5/8/01
100.0970		TW	Spread spectrum communication network signal processor	84105519	5/31/95	096271	12/3/98
100.0972		TW	Cellular base station with intelligent call routing	84105520	5/31/95	079197	10/29/96
100.0974		TW	Method and apparatus for providing intelligent cellular handoff	87101388	2/4/98	115778	10/5/00
100.0975		TW	ENVIRONMENTALLY-HARDENED ATM NETWORK	91100607	1/6/02	204565	10/14/04
100.0976		TW	Cellular private branch exchanges	84105517	5/31/95	112106	6/20/00
100.0977		TW	Configuration-independent methods and apparatus for software communication in a cellular network	85105089	4/29/96		
100.0978		TW	HYBRID CELLULAR COMMUNICATION APPARATUS AND METHOD	85105087	4/29/96	092250	5/7/98
100.0979		TW	Cellular Adjunct To A Public Wired Network	85105088	4/29/96	103120	9/15/99
100.0982		TW	METHODS AND APPARATUSES FOR AN INTELLIGENT SWITCH	84105516	5/31/95	NI-083390	12/11/96
100.0983		TW	Private multiplexing cellular network	86102994	3/11/97	117281	11/10/00
100.1010		TW	ENVIRONMENTALLY-HARDENED REMOTE DSLAM	91100605	1/16/02	178207	9/15/03
100.1072		TW	CLOCK PRIORITY CHAIN LEVEL SYSTEMS AND METHODS	98140948.0	12/1/09		
100.1086		TW	COMPLEX OPTICAL MODULATION FOR REAL TIME COMMUNICATION	98140947.0	12/1/09		
100.1148		TW	TUNABLE ELECTRO-ABSORPTION MODULATOR AND TUNABLE LASER	91115887	7/16/02		
100.1172		TW	SYSTEMS AND METHODS FOR DISTRIBUTED ANTENNA SYSTEM REVERSE PATH SUMMATION USING SIGNAL-TO-NOISE RATIO OPTIMIZATION	100120533	6/13/11		
1010.8083		TW	APPARATUS AND METHOD FOR CONTROLLING THE OPERATING WAVELENGTH OF A LASER DIODE	91111611	5/30/02		
2316.0117		TW	ELECTRICAL CONNECTOR	76104128	7/16/87	29,310	10/12/88
2316.0140		TW	JACK ASSEMBLY	78201742	2/4/88	46,575	4/22/89
2316.0145		TW	JACK ASSEMBLY	80202557	10/23/90	65,843	11/13/91

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0172		TW	OPTICAL SWITCH	78102368	3/31/89	42,065	1/30/91
2316.0204		TW	DIGITAL CROSS CONNECT ASSEMBLY	79103195	4/20/90		
2316.0237		TW	FIBER OPTIC CONNECTOR MODULE	81215172	4/26/91		
2316.0288		TW	JACK ASSEMBLY	80209285	7/29/91	76,745	2/6/93
2316.0372		TW	MINIATURE COAX JACK MODULE	81102686	4/8/92	58,003	12/9/92
2316.0423		TW	THYRISTOR FAIL-SAFE DEVICE	93210018	3/23/93		
2316.0458		TW	PATCH CORD	82101711	3/9/93	63,235	12/7/93
2316.0462		TW	COAX CONNECTOR WITH CENTER PIN LOCKING	83100257	1/14/94		
2316.0463		TW	PATCH PANEL FOR HIGH SPEED TWISTED PAIR	82101733	3/9/93	63,065	11/22/93
2316.0481		TW	FIBER OPTIC CONNECTOR WITH VENTED FERRULE HOLDER	83209167	8/7/93		
2316.0488		TW	HIGH-DENSITY FIBER DISTRIBUTION FRAME	83101654	2/26/94	68,975	4/8/95
2316.0498		TW	JACK MODULE	82109217	11/4/93	67,929	1/24/95
2316.0691		TW	SWITCHING COAX JACK DEVICE	87104613	3/27/98	113,657	8/3/00
2316.0777		TW	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	87104612	3/27/98	NI-105546	7/21/99
2316.0786		TW	FIBER CONNECTOR AND ADAPTER	88115504	9/8/99	137,114	11/14/01
2316.0889		TW	RF CIRCUIT MODULE AND CHASSIS INCLUDING AMPLIFIER	87120346	12/8/98	139,650	12/24/01
2316.0891		TW	REPAIRABLE CONNECTOR AND METHOD	88100536	1/14/99	144,034	3/4/02
2316.0942		TW	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	88109110	6/2/99	NI-128581	7/6/01
2316.0951		TW	FIBER OPTIC ADAPTER, INCLUDING HYBRID CONNECTOR SYSTEM	88120220	11/19/99	152,952	7/22/02
2316.0960		TW	FIBER OPTIC MODULE	88112301	7/20/99	136,968	11/12/01
2316.0974		TW	FIBER OPTIC CABINET AND TRAY	88115574	9/9/99	NI-146778	4/10/02
2316.0988		TW	JACK ASSEMBLY	88119759	1/3/00	NI-132818	9/19/01
2316.1009		TW	DSX MODULE WITH REMOVABLE JACK	89106237	4/5/00	NI-144666	3/8/02
2316.1010		TW	MICROELECTROMECHANICAL OPTICAL SWITCH AND METHOD OF MANUFACTURE THEREOF	89116105	8/10/00	NI-151506	6/26/02
2316.1017		TW	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	89102317	2/11/00	186,711	1/30/04

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1020		TW	METHOD OF ETCHING A WAFER LAYER USING MULTIPLE LAYERS OF THE SAME PHOTORESISTANT MATERIAL AND STRUCTURE FORMED THEREBY	89116106	8/10/00	NI-180039	10/17/03
2316.1021		TW	METHOD OF ETCHING A WAFER LAYER USING A SACRIFICIAL WALL AND STRUCTURE FORMED THEREBY	89116107	8/10/00	NI-176858	8/22/03
2316.1051		TW	HIGH DENSITY PATCHING SYSTEM	89107100	4/15/00	146,678	4/9/02
2316.1063		TW	CABLE GUIDING TROUGH	89115610	8/3/00	157,366	10/4/02
2316.1067		TW	TELECOMMUNICATIONS CONNECTOR FOR HIGH FREQUENCY TRANSMISSIONS	89116856	8/19/00	153,056	7/23/02
2316.1107		TW	JACK INCLUDING CROSSTALK COMPENSATION FOR PRINTED CIRCUIT BOARD.	89116855	5/2/01	148,211	4/29/02
2316.1150		TW	CONNECTOR PLUG AND INSERT FOR TWISTED PAIR CABLES	89126455	12/12/00	162,872	1/2/03
2316.1155		TW	MODULAR FURNITURE ADAPTER FACE PLATES (Design)	89306077	9/6/00	78,148	5/6/02
2316.1155		TW	MODULAR FURNITURE ADAPTER FACE PLATE (Design)	89306077.1	11/17/00		
2316.1155		TW	MODULAR FURNITURE ADAPTER FACE PLATE (Design)	90305211	11/17/00	79,975	9/2/02
2316.1171		TW	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	90107863	4/2/01	NI-178826	9/25/03
2316.1172		TW	POWER DISTRIBUTION PANEL WITH HEAT SINK	90106359	3/19/01		
2316.1175		TW	SPLITTER ARCHITECTURE FOR A TELECOMMUNICATIONS SYSTEM	90108768	7/17/01	173,034	7/2/03
2316.1177		TW	UPGRADEABLE MEDIA WALL CONVERTER AND HOUSING	90119513	8/10/01		
2316.1180		TW	DESIGN AND ESTIMATING TOOLS FOR THE DESIGN OF TELECOMMUNICATIONS INFRASTRUCTURE IN A STRUCTURE	90104737	2/28/01		
2316.1223		TW	CIRCUIT ASSEMBLY FOR MONITORING PORT ACTIVITY AND INTEGRITY OF A MULTIPORT MEDIA CONVERTER	90119516	6/26/02		
2316.1229		TW	LOW PROFILE TELECOMMUNICATIONS JACK WITH LAMP SWITCH	90127911	11/9/01	187,855	2/5/04
2316.1231		TW	METHOD AND SYSTEM FOR MDI CROSSOVER CONTROL	90119517	8/9/01		
2316.1247		TW	TUNABLE FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	90132390	12/26/01	177,665	9/4/03
2316.1255		TW	METHOD AND APPARATUS FOR DISTRIBUTION OF POWER IN A MEDIA CONVERTER SYSTEM	90119512	8/9/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1271		TW	TAPERED FIBER AND METHOD AND SYSTEM OF FABRICATING THE SAME AND METHOD AND SYSTEM OF MEASURING A BEAM PROFILE OF A LUNCHING FIBER	91100506	1/15/02	NI-185586	1/13/04
2316.1272		TW	MEMS OPTICAL SWITCH ON A SINGLE CHIP AND METHOD	91101040	1/23/02	NI-188313	2/9/04
2316.1288		TW	INTERCONNECT MODULE	91118317	8/14/02		
2316.1289		TW	LOW PROFILE CABLE EXIT TROUGH	90127425	11/5/01	NI-185555	1/13/04
2316.1344		TW	MEMS OPTICAL BALANCED PATH SWITCH	91103688	2/27/02	NI-202149	9/15/04
2316.1348		TW	TELECOMMUNICATIONS JACK SUBASSEMBLY	90127912	11/9/01	NI-188700	2/12/04
2316.1362		TW	DIGITAL SWITCHING CROSS-CONNECT MODULE	92119660	7/18/03	I309490	5/1/09
2316.1363		TW	DSX JACK INCLUDING CONTACT	92119659	7/18/03		
2316.1365		TW	TELECOMMUNICATIONS CONNECTOR	92119661	7/18/03	I328319	8/1/10
2316.1367		TW	MONITOR NETWORK FOR A DIGITAL SWITCHING CROSS-CONNECT MODULE	92119663	7/18/03	I324842	5/11/10
2316.1399		TW	METHOD FOR IMPROVED DIE RELEASE OF A SEMICONDUCTOR DEVICE FROM A WAFER	91107735	4/16/02	NI-178145	9/12/03
2316.1408		TW	CABLE GUIDE FOR FIBER TERMINATION BLOCK	91101278	1/25/02	195,130	5/14/04
2316.1414		TW	TELECOMMUNICATIONS CHASSIS AND MODULE (DS3 E/O IOR & System)	91111135	5/24/02		
2316.1424		TW	BULKHEAD ADAPTER WITH OPTICAL FIBER FOR SIGNAL ATTENUATION	91111265	5/28/02	223,111	11/1/04
2316.1480		TW	A FIBER OPTIC SWITCH PACKAGE AND A METHODS OF ASSEMBLING A FIBER OPTIC SWITCH PACKAGE FOR REDIRECTING FIBER PATH	91103680	2/27/02	172,050	6/12/03
2316.1485		TW	INTERCONNECT CHASSIS AND MODULE	91118312	8/14/02	201,444	9/3/04
2316.1486		TW	CARD EDGE CONTACT INCLUDING COMPLIANT END	91118316	8/14/02	202,011	9/14/04
2316.1492		TW	LATCHING APPARATUS FOR A MEMS OPTICAL SWITCH (ALLIGATOR)	91110434	5/17/02	NI-189220	2/17/04
2316.1506		TW	CABLE MANAGEMENT BRACKET FOR A TELECOMMUNICATIONS RACK	91107637	4/15/02	191,346	3/22/04
2316.1519		TW	JACK; JACK ASSEMBLY; AND METHODS	91105349	3/20/02	186,506	1/29/04
2316.1605		TW	FRONT ACCESS DSX ASSEMBLY	91122178	9/26/02	241749	10/11/05
2316.1690		TW	TELECOMMUNICATIONS CONNECTOR ADAPTED FOR BI-DIRECTIONAL INSERTION	92119662	7/18/03		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1692		TW	REAR ACCESS DSX SYSTEM	92128926	10/17/03	296869	5/11/08
2316.1693		TW	HIGH DENSITY DSX SYSTEM	92128925	10/17/03	348308	9/1/11
2316.1695		TW	TERMINATION PANEL WITH FANNING STRIPS	092128918	10/17/03	I 325268	5/21/10
2316.1739		TW	HIGH DENSITY PATCHING SYSTEM	92129138	10/21/03	279044	4/11/07
2316.1785		TW	TELECOMMUNICATIONS CONNECTION CABINET	93119046	6/24/04	406623	8/21/13
2316.1787		TW	FIBER OPTIC CONNECTOR HOLDER AND METHOD	93119044	6/29/04	I332583	11/1/10
2316.1811		TW	PATCH PANEL CHASSIS	93134270	11/10/04	I357795	2/1/12
2316.1816		TW	MODULE WITH INTERCHANGEABLE CARD	93134269	11/10/04	I340883	4/21/11
2316.1826		TW	MODULAR MOUNTING SLEEVE FOR JACK	095114168	4/20/06		
2316.1888		TW	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	93132177	10/22/04	I389142	3/11/13
2316.1888		TW	CABLE WITH OFFSET FILLER	93132178	10/22/04	I390553	3/21/13
2316.1889		TW	METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS	94104823	2/18/05		
2316.1891		TW	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	94104826	2/18/05		
2316.1899		TW	Modular Jack with wire management	93113264	5/12/04		
2316.1912		TW	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	94138388	11/2/05		
2316.2079		TW	POWER SOURCING UNIT FOR POWER OVER ETHERNET SYSTEM	095110771	3/28/06		
2316.2105		TW	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	095113562	4/14/06		
2316.2114		TW	FIBER OPTIC SPLITTER MODULE	095118621	5/25/06	I429969	3/11/14
2316.2115		TW	FIBER OPTIC ADAPTER MODULE	095118622	5/25/06		
2316.2159		TW	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	095146899	12/14/06		
2316.2172		TW	CONNECTOR INCLUDING MEDIA CONVERTER	095144773	12/1/06		
2316.2178		TW	CABLE WITH TWISTED PAIR CENTERING ARRANGEMENT	095148592	12/22/06		
2316.2179		TW	TELECOMMUNICATIONS JACK WITH CROSSTALK COMPENSATION PROVIDED ON A MULTI-LAYER CIRCUIT BOARD	096112755	4/11/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2290		TW	TELECOMMUNICATIONS PATCH PANEL	096122561	6/22/07		
2316.2306		TW	HIGH DENSITY COAXIAL JACK	096114063	4/20/07		
2316.2307		TW	HIGH DENSITY COAXIAL JACK AND PANEL	096114112	4/20/07		
2316.2308		TW	CABLE CRIMP TOOL	095149544	12/28/06		
2316.2314		TW	FIBER OPTIC SPLITTER MODULE	096105322	2/13/07	I429973	3/11/14
2316.2329		TW	IMPLEMENTATION OF CROSSTALK COMPENSATION IN CONNECTING HARDWARE	096138409	10/12/07		
2316.2378		TW	Telecommunications Jack with Crosstalk Compensation and Arrangements for Reducing Return Loss	096112741	4/11/07	I 418105	12/1/13
2316.2379		TW	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	096112754	4/11/07	I 424635	1/21/14
2316.2392		TW	Rotatable Connector Modules with Inverted Jacks	096139375	10/19/07		
2316.2396		TW	MULTI-PAIR CABLE WITH VARYING LAY LENGTH	096122296	6/21/07		
2316.2419		TW	Factory Spliced Cable Assembly Using Central Loose Tube Ribbon Cable	096130035	8/14/07		
2316.2443		TW	Upgradable Patch Panel	096138045	10/11/07		
2316.2462		TW	FIBER DISTRIBUTION ENCLOSURE	096143085	11/14/07		
2316.2474		TW	OVERHEAD CABLE TERMINATION ARRANGEMENT	097102087	1/18/08		
2316.2482		TW	LATERAL STORAGE SPOOL FOR OVERHEAD CABLE PATHWAY	097102047	1/18/08		
2316.2485		TW	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	097102051	1/18/08		
2316.2519		TW	Modular Optical Wall Box Enclosure	097116666	5/6/08		
2316.2645		TW	CONNECTOR MODULE	097137374	9/26/08		
2316.3053		TW	OPTICAL FIBER INTERCONNECT CABINETS, TERMINATION MODULES AND FIBER CONNECTIVITY MANAGEMENT FOR THE SAME	93107505	3/19/04	I343490	6/11/11
2316.3554		TW	FIBER OPTIC CASSETTE	102135175	9/27/13		
2316.3555		TW	MANUFACTURE AND TESTING OF FIBER OPTIC CASSETTE	102135204	9/27/13		
	NC056	TW	Terminal Blocks And Methods For Making And Breaking Connections In A Telecommunications Conductor	090118194	7/25/01	NI-176553	8/19/03
	01-004	TW	Universal adapter	091117443	8/2/02	I255359	5/21/06

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	03-002	TW	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	093106332	3/10/04	I244246	11/21/05
	03-010	TW	Distribution device for communications and data technology	093136156	11/24/04	I336575	1/21/11
	06-016	TW	Connecting element for communication and data technology	096128881	8/6/07	I366311	6/11/12
	07-001	TW	Electrical plug-in connector	096149982	12/25/07	I390799	3/21/13
	07-003	TW	Electrical contact arrangement for telecommunications and data technology	096149984	12/25/07	I390800	3/21/13
	07-002	TW	Electrical plug-in connector	096149996	12/25/07	I334674	12/11/10
	07-004	TW	Terminal block	096150022	12/25/07	I379462	12/11/12
	07-006	TW	Plug-in connector	096150659	12/27/07	I390798	3/21/13
	JACK018	TW	OPTIC FIBER INNER TUBE CONNECTOR	86203764A01	3/12/97	132894	6/15/99
	NC029	TW	Non-Interrupt Bypass Switch For RF Circuits	87100266	1/9/98		
	NC030	TW	RF Chokes Comprising Parallel Coupled Inductors	87104111	3/19/98		
	MP1492	TW	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	83107058	8/2/94	NI-088006	7/21/97
	MP0192	TW	Heat-Recoverable Article With Self-Contained Heater	6411976	9/25/75	10647	9/10/79
	00-004	TW	Duplex connector for fiber clips	090106964	3/23/01		
	00-008	TW	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	90113850	6/7/01	NI-157532	10/7/02
	00-009	TW	Connection module with overvoltage device	90113837	6/7/01	NI-173796	7/11/03
	00-012	TW	Assembly and method for use in terminating an optical fiber or fibers	090114049	6/11/01	NI-195867	5/25/04
	00-014	TW	Connecting element and method for making electrical contact with an electrical core without using any tools	90119053	8/3/01		
	00-018	TW	Plastic patch panel	90123773	9/26/01	NI-172333	6/17/03
	00-019	TW	Optical Fibre Connection Housing	90123760	9/26/01		
	01-005	TW	Strain relief device for a Plug Connector for Communications and Data technology	091118798	8/20/02	NI-193846	4/26/04
	01-007	TW	Terminal block	091122492	9/30/02	NI-198818	7/16/04
	02-002	TW	Plug for connection modules and method for its manufacture	092104391	3/3/03	I245467	12/11/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	02-005	TW	Distribution box connection module for telecommunications and data technology	092121670	8/7/03	I223478	11/1/04
	02-006	TW	Patch Cord Connector	092119831	7/21/03	I292236	1/1/08
	02-008	TW	Method and device for coupling optical fibers	092131074	11/6/03		
	03-003	TW	Overvoltage protection magazine for a telecommunications device	093109774	4/8/04	I234319	6/11/05
	03-004	TW	Glass-fiber coupler module	093109782	4/8/04	I276856	3/21/07
	03-005	TW	Conductor connection module for printed circuit boards	093121929	7/22/04	I261389	9/1/06
	03-006	TW	Distribution board connection module	093125666	8/26/04	I239125	9/1/05
	03-008	TW	Housing for glass-fiber plug connectors, and a method for laying glass-fiber cables	093127772	9/14/04		
	03-009	TW	Wall outlet box	093133041	10/29/04	I312216	7/11/09
	03-011	TW	Connection module for telecommunication and data technique	093139490	12/17/04		
	04-001	TW	Optical fiber plug-in connection	094107885	3/15/05	I297402	6/1/08
	04-002	TW	Plug connector for printed circuit boards	094110044	3/30/05	I319246	1/1/10
	04-004	TW	Connection module for telecommunications and data technology	094131156	9/9/05	I351145	10/21/11
	04-009	TW	Tool for connecting cable cores	094139500	11/10/05	I293823	2/21/08
	04-012	TW	Plug-in connector for printed circuit boards	094138849	11/4/05	I287329	9/21/07
	05-005	TW	Plug connection	095108447	3/13/06	I350392	10/11/11
	05-010	TW	Protective plug for distribution frame devices for telecommunications and data technology	095122093	6/20/06	I372568	9/11/12
	05-011	TW	Insulation displacement connector and equipment for telecommunications and data technology	095126547	7/20/06	I325664	6/1/10
	06-004	TW	Press-fit-connector	096117431	5/16/07	I335109	12/21/10
	06-007	TW	Symmetrical data cable for communications and data engineering Symmetrical data cable for communications and data engineering	096128276	8/1/07		
	06-018	TW	Plug-in connector for printed circuit boards	096146860	12/7/07		
	07-035	TW	Cable guide and device for telecommunications and data technology	097131457	8/18/08		
	07-037	TW	Plug type printed circuit board connector	097140493	10/22/08	I368357	7/11/12
	07-038	TW	Distribution board connection module	097140480	10/22/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	07-041	TW	Overvoltage protection plug and grounding rail	097140472	10/22/08	I321876	3/11/10
	08-017	TW	Distribution board connection module for telecommunications and data technology	098121254	6/24/09		
	08-024	TW	Telecommunications outlet box	098131271	9/16/09		
	08-025	TW	Termination module	098134675	10/13/09		
	08-029	TW	Cradle for Coupling a Connector Module to a mount	098134677	10/13/09		
	09-018	TW	Distribution strip	099120294	6/22/10		
	18138	TW	Sealed Electrical Connector Having Internal Latching Mechanism	94109277	3/25/05		
	18148	TW	INTERFACE MODULE	94115529	5/13/05		
	18150	TW	PATCH PANEL SYSTEM	94111819	4/14/05		
	18180	TW	NON-ORTHOGONAL CABLE MANAGEMENT SYSTEM	94111801	4/14/05		
	83-140	TW	A cable distribution head	7310397	2/6/84	022044	5/29/84
	84-147	TW	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	73133049	7/24/84	22133	6/15/85
	86-019	TW	Connector bank for cable wires, in particular for telephone cables	76102591	5/6/87	031351	6/29/89
	86-064	TW	A casing, particulary a junction-box casing for telecommunications engineering	76102884	5/21/87	030192	1/16/89
	86-069	TW	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	76106836	11/11/87	032361	9/1/89
	87-077	TW	Device for holding connector banks in telecommunication systems	77103935	6/11/88	033182	10/27/89
	88-088	TW	Protective plug for connector or disconnector banks	82102228	3/23/93	087998	11/8/97
	88-095	TW	Contact member of electrical conductors	78104127	5/29/89	040231	11/1/90
	90-006	TW	Connecting block for the telecommunication and data technology	80100636	7/11/91	049217	11/7/91
	90-011	TW	Terminal block for telecommunications systems	79107424	9/4/90	045807	7/11/91
	90-012	TW	Cutting Clamping Contact	82210667	5/3/91	086917	2/24/94
	90-015	TW	Protective circuit and protective device plug for telecommunication installations	80105144	7/2/91	057819	11/27/92
	91-014	TW	Cutting and clamping sleeve contact	81106740	9/2/92	063469	12/22/93
	92-004	TW	Case, in particular cable branching case	82100943	2/11/93	065713	8/5/94

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-024	TW	Signal-connector with capacitive adjustment for improved crosstalk parameters	82108127	10/2/93	NI-078309	9/16/96
	92-026	TW	Method and arrangement for establishing networks of electro-optical display-field modules	82106543	11/15/93		
	93-020	TW	Termination module	83104207	5/10/94	NI-086457	9/9/97
	93-023	TW	Connection block for high speed transmission in the telecommunication and data system	83105960	6/30/94	NI-076762	6/14/96
	93-028	TW	Clamping Terminal unit	83108783	9/23/94	NI-096642	12/21/98
	93-030	TW	Terminal block	83108811	9/24/94	NI-077497	7/29/96
	93-032	TW	Electrical Plug Connector	83109501	10/13/94	NI-076272	5/16/96
	93-034	TW	Termination unit for telecommunication and data lines	83109971	10/28/94		
	93-035	TW	Insulation displacement contact	83102897	4/1/94	NI-68172	2/14/95
	93-040	TW	Process for reducing the tearability of a thermally shrinkable web	83104363			
	94-007	TW	Insulation displacement contact element	83111144	11/30/94	NI-107690	2/8/00
	94-021	TW	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	84104570	5/9/95	NI-074783	3/7/96
	94-022	TW	Electrical Plug Connector	84105248	5/24/95	NI-118750	12/15/00
	94-031	TW	Protection plug	84106741	6/30/95	NI-105683	12/18/99
	95-006	TW	Electrical Connectors	85110475	8/28/96	NI-093765	8/3/98
	95-012	TW	Distribution device for telecommunications and data technique	85111699	9/25/96	NI-100621	5/28/99
	95-013	TW	Termination device for the telecommunication and data technique	85111704	9/25/96		
	95-016	TW	Terminal block for high transmission rates	85111703	9/25/96	NI-122108	3/13/01
	95-019	TW	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	85111705	9/25/96	NI-086585	5/21/97
	96-002	TW	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	86102600	3/4/97		
	96-005	TW	Management-capable splice cassette	86102598	3/4/97		
	96-011	TW	High density high performance connector	86106894	5/31/97	NI-105038	12/6/99

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-013	TW	Connecting terminal	86109804	7/11/97	NI-106684	1/7/00
	96-018	TW	Clamping device	86116984	11/14/97		
	96-019	TW	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	86116641	11/7/97		
	96-020	TW	Terminal, isolating or connecting strip	86118541	12/9/97	NI-128090	6/27/01
	96-021	TW	Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housing	86116986	11/14/97		
	97-002	TW	Outdoor housing	87103070	3/3/98	NI-119802	1/11/01
	97-003	TW	Protection Plug	87102881	3/6/98	NI-123953	4/20/01
	97-008	TW	Arrangement of contact pairs for compensation of near-end crosstalk	87103074	3/3/98		
	97-012	TW	Distribution block for telecommunication and data technology	87103497	3/10/98	NI-104026	10/20/99
	97-013	TW	Stationary housing with wall elements made of plastic	87103593	3/11/98		
	97-016	TW	Overvoltage protection module	87107159	5/8/98	NI-107175	1/19/00
	97-018	TW	Overvoltage protection plug with fail-safe device	87107162	5/8/98	NI-109859	4/20/00
	97-023	TW	Method for designing a telecommunications and data network	87113170	8/11/98	NI-111237	2/1/00
	97-032	TW	Patch Panel with retractable patch cord	87121540	12/23/98	NI-124411	4/26/01
	98-001	TW	Optical fibre connector	87120332	12/8/98	NI-133487	10/3/01
	98-002	TW	Support body for an electrical contact arrangement	88101307	1/28/99		
	98-013	TW	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	88107985	5/17/99	NI-150700	6/10/02
	98-022	TW	Cable manager for multi-core cable	88114458	8/24/99		
	98-023	TW	Electrical Connector	88112263	7/20/99		
	98-025	TW	Shielding device for connection strips in telecommunications and data engineering	88117510	10/11/99	NI-140975	1/14/02
	99-002	TW	Surge arrester mounting unit for telecommunications and data systems equipment	88118662	10/28/99	NI-129881	7/31/01
	99-006	TW	Device for mounting terminal strips for telecommunication, control power and data technology	89104670	3/15/00		
	99-007	TW	Connector element with closure device	89104815	3/16/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	99-017	TW	Connecting cable with an electrical plug connection	89125694	12/2/00	NI-153358	7/26/02
	AE436	TW	Shielded Electrical Connector				
	DESNC 005	TW	Telecommunications Connector	82303192	4/29/93	ND41527	9/30/94
	DESNC 006	TW	Telecommunications Terminal	82303195	4/29/93	ND41429	9/14/94
	E-TO-00008	TW	Electrical Connector with Enhanced Jack Interface	95115646	5/2/06		
	E-TO-00051	TW	Modular Plug Electrical Connector	96119326	5/30/07		
	E-TO-00214	TW	Expandable Power Distribution Unit	98120403	6/18/09		
	JACK006	TW	FIBER OPTIC CABLE INNER DUCT PLUG AND ASSEMBLY	77106310	9/13/88	41730	1/10/91
	JACK007	TW	PLASTIC COUPLER FOR OPTIC FIBER INNER TUBE	83210480	7/21/94	114062	5/21/97
	JACK011	TW	SHAKING AND SEALING IMPROVEMENT FOR FLUTE COVER	82207638	6/2/93	90769	12/15/97
	JACK013	TW	EXPANSION SEAL FOR CABLE PIPE	81200376	1/10/92	73017	12/1/93
	JACK014	TW	DUCT PLUG FOR UNDER GROUND USAGE	81217165	12/18/92	83392	12/15/94
	JACK015	TW	DIRT AND MOISTURE SEALING PIPE PLUG FOR SEALING DIFFERENT SIZE PIPE	80213103	10/17/91	84239	12/15/93
	JACK016	TW	DIRT AND MOISTURE SEALING PIPE PLUG FOR SEALING DIFFERENT SIZE PIPE	84218137	12/18/95	114945	12/15/96
	JACK017	TW	CUBIC CABLE ROLLER	85209771	6/28/96	119480	6/15/97
	JACK018	TW	OPTIC FIBER INNER TUBE CONNECTOR	86203764	3/12/97	132894	6/15/99
	JACK019	TW	FIBER OPTIC CABLE INNER DUCT PLUG AND ASSEMBLY	89220542	11/27/00	173372	6/15/01
	JACK020	TW	EXPANSION SEAL FOR CABLE PIPE	89221379	12/8/00	192888	12/15/02
	JACK021	TW	HYDRAULIC PRESS FOR FIBER OPTIC CABLE INNER TUBE CONNECTION	90201611	2/1/01	178689	12/15/01
	JACK022	TW	SIMPLE OPTICAL FIBER CABLE INNER TUBE CONNECTOR	88222199	12/28/99	192861	12/14/02
	MP0766	TW	Fiber Optic Splicing	7111372	4/26/82	18107	3/8/83
	MP1064	TW	Optical Fiber Distribution Network	75102715	6/16/86	NI-26807	3/1/87
	MP1177	TW	Optical Fiber Tap Utilizing Reflector	77100163	1/12/88	NI-36245	5/7/90
	MP1206COM	TW	Terminal Block	77107405	10/26/88	NI-37216	6/19/90
	MP1239COM	TW	Telecommunication Terminal Block Or Adapter	77107163	10/17/88	41879	1/22/91
	MP1348	TW	Modular Telecommunications Terminal Block	79104634	6/6/90	NI47199	9/3/91

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1374A	TW	Alarm And Test System For A Digital Added Mail Line	80105435	1/14/91	55024	6/30/92
	MP1374A	TW	Alarm And Test System For A Digital Added Mail Line	80100265	1/14/91	55018	6/30/92
	MP1374A	TW	Alarm And Test System For A Digital Added Mail Line	80105436	1/14/91	55025	6/30/92
	MP1374B	TW	Gel Filled Electrical Connector	81101465	2/27/92	59013	2/10/93
	MP1381	TW	Coupling Circuit For Two-Wire Transmission Systems	80100414	1/18/91	53931	5/7/92
	MP1403	TW	Ez Twist Consumer Type Connectors	80102655	4/9/91	NI58669	1/27/93
	MP1405	TW	Multi-Gauge Waffle Rotary Connection	80104869	6/24/91	NI51624	1/31/92
	MP1432	TW	Low Temperature Expandable Gaskets	81106659	8/22/92	61394	7/13/93
	MP1511	TW	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	83107606	8/19/94	NI-076028	1/21/96
	MP1532	TW	Coaxial Cable Tap And Method Of Connecting To An Operational Coaxial Cable Without Interrupting Transmitted Signals	85112950	10/22/96		
	MP1532	TW	Coaxial Cable Tap And Method Of Connecting To An Operational Coaxial Cable Without Interrupting Transmitted Signals	85104791	4/22/96	NI-087005	10/29/97
	MP1621	TW	Sealed Coaxial Cable Connector	87104572	4/27/98	NI-128098	3/11/01
	NC003	TW	Cable Seal	80104736	6/19/91	NI57978	12/9/92
	NC004	TW	Telecommunications Terminal Block	80108638	11/4/91	NI57989	12/9/92
	NC006	TW	Gas Tube Vent-Safe Device	81106532	8/18/92	NI63096	11/25/93
	NC008	TW	Surge Arrestor Fail Safe Thermal Overload Mechanism	83206991	8/18/92	UM-098107	6/14/95
	NC008	TW	Surge Arrestor Fail Safe Thermal Overload Mechanism	83206991	8/18/92		
	NC009	TW	Connector Ground Clip	82109810	11/22/93	NI-071533	6/1/95
	NC011	TW	Telecommunications Network Interface Assembly	81103758	5/14/92	NI61839	8/12/93
	NC012	TW	Fiber Optic Splice Closure	84104603	1/25/97		
	NC016	TW	Fiber Optic Splice Closure And Associated Methods	83103843	4/28/94		
	NC019	TW	Telecommunications Terminal	84107162	7/11/95		
	NC025	TW	Protected Telecommunications Terminal	84108076	8/3/95		
	NC027	TW	Button Protection Device	85105014	4/26/96		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC042	TW	Fiber Optic Drop Splice Closure And Related Methods	88108634	5/26/99		
	NC071	TW	Toggle Type Telecommunications Terminal Blocks	093112344	4/30/04	I333301	11/11/10
02316.3835TWU1	E-TO-00125	TW	Interface Module	96138429	10/15/07	I413306	10/21/13
02316.3844TW01	TO-00302	TW	Methods and Apparatus for Terminating Electrical Connectors to Cables	99144814	12/20/10		
02316.3845TW01	18204	TW	Method and Apparatus for Providing Out of Band Communications Over Structured Cabling	94141731	11/28/05	355815	1/1/12
02316.3847TW01	TO-00295	TW	Electrical Connector Having An Electrically Parallel Compensation Region	99128407	8/25/10		
02316.3848TW01	TO-00274	TW	Electrical Connector With Crosstalk Compensation	99128405	8/25/10		
02316.3849TW01	TO-00272	TW	Electrical Connector with Separable Contacts	99128408	8/25/10		
02316.3882TW01	E-TO-00009	TW	Electrical Connector with Crosstalk Compensation	94144655	12/16/05	356545	1/11/12
02316.3886TW01	E-TO-00180	TW	Electrical Connectors and Circuit Boards Having Non-Ohmic Plates	98113375	4/22/09		
02316.3887TW01	E-TO-00088	TW	Receptacle with Crosstalk Optimizing Contact Array	96108166	3/9/07	I383546	1/21/13
02316.3888TW01	E-TO-00089	TW	Electrical Connector Having Staggered Contacts	96117454	5/16/07	I413304	10/21/13
02316.3890TW01	NT-00318	TW	Plug Assembly	100101188	1/13/11		
02316.3893TW01	E-TO-00161	TW	Method and Apparatus for Visual Indication in Cable Network Systems	97135315	9/15/08		
02316.3895TW01	E-TO-00179	TW	Electrical Connector with Compensation Loops	98112272	4/14/09		
02316.3904TW01	18147	TW	INTERFACE ADAPTER MODULE	94113499	4/27/05	356549	1/11/12
02316.3910TW01	TO-00275	TW	Faceplate Assembly And Label Cover	99121411	6/30/10		
02316.3911TW01	E-TO-00245	TW	Electrical Connector with Contact Spacing Members	99105438	2/25/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3913TW01	E-TO-00220	TW	Casette for a Cable Interconnect System	99102542	1/29/10		
02316.3914TW01	E-TO-00221	TW	Cassette Having Interchangable Rear Mating Connectors	99103448	2/5/10		
02316.3915TW01	E-TO-00205	TW	Electrical Connector with a Compliant Cable Strain Relief Element	98120576	6/19/09	I463746	12/1/14
02316.3917TW01	E-TO-00222	TW	Shielded Cassette for a Cable Interconnect System	99105572	2/26/10		
02316.3918TW01	E-TO-00223	TW	Cassette for Use Within a Connectivity Management System	99105573	2/26/10		
02316.3921TW01	E-TO-00182	TW	Electrical Connector with Compensation Component	98118693	6/5/09		
02316.3922TW01	E-TO-00181	TW	Electrical Connector with Enhanced Back and Design	98113372	4/22/09		
02316.3923TWU1	E-TO-00198	TW	Electrical Connector with Tethered Cover	97149609	12/19/08		
02316.4026TW01	NC012	TW	Fiber Optic Splice Closure	82102116	3/22/93	NI-080734	10/1/96
02316.4026TWU1	NC012	TW	Fiber Optic Splice Closure	86201367	3/22/93	UM-133799	3/11/98
02316.4026TWU2	NC012	TW	Fiber Optic Splice Closure	85204819	3/22/93	UM-122173	7/15/97
02316.4029TW01	NC005	TW	Fiber Optic Splice Organizer And Associated Method	81107765	9/30/92	NI66105	9/2/94
02316.4031TW01	NC007	TW	Apparatus And Method For Uniformly Irradiating A Strand	83101646	2/26/94	NI-079112	10/28/96
02316.4058TW01	E-TO-00097	TW	Sealing Assemblies and Methods for Sealing an Elongate Member	097108760	3/12/08		
02316.4223TW01	TO-00286	TW	Cable With Twisted Pairs of Insulated Conductors	100101187	1/13/11		
2316.1006/01		TW	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	89100277	1/10/00	147,631	4/22/02
2316.1007/I1		TW	TELECOMMUNICATIONS JACK ASSEMBLY	89100549	8/19/00	NI-155339	9/3/02
2316.1066/I1		TW	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	90121047	8/27/01	NI-169586	4/30/03

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1411/I1		TW	TELECOMMUNICATIONS CHASSIS AND CARD WITH FLAME SPREAD CONTAINMENT- (T1 High Density IOR)	91106593	4/2/02		
2316.1411/I2		TW	TELECOMMUNICATIONS CHASSIS AND CARD WITH FLAME SPREAD CONTAINMENT- (T1 High Density BOR)	91109499	5/7/02		
2316.1687/I1		TW	COUPLER FOR CABLE TROUGH	92106807	3/26/03		
2316.1890/I1		TW	METHODS AND SYSTEMS FOR POSITIONING CONNECTORS TO MINIMIZE ALIEN CROSSTALK	94104828	2/18/05		
2316.1910/01		TW	Communication wire	92126169	9/23/03		
2316.2336/01		TW	FIBER DISTRIBUTION HUB WITH SWING FRAME AND MODULAR TERMINATION PANELS	096105312	2/13/07	I432808	4/1/14
2316.2336/P1		TW	FIBER DISTRIBUTION HUB WITH OUTSIDE ACCESSIBLE GROUNDING TERMINALS	096105313	2/13/07	I444684	7/11/14
2316.2584/P1		TW	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	097116857	5/7/08		
2316.2584/P2		TW	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	097129909	8/6/08	452372	9/11/14
2316.2584/P4		TW	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	097134250	9/5/08	I426310	2/11/14
5487.145.TW	NC072	TW	Optical Fiber Interconnect Cabinets, Termination Modules and Fiber Connectivity Management for the Same	093107505	3/19/04		
5487-149-TW	NC074	TW	Toggle Type Telecommunications Terminal Blocks Including a Travel Limit Member	093131234	10/14/04	338415	3/1/11
16999		TW	MODULAR PLUG HAVING COMPENSATING INSERT	87118908	11/16/98	126299	5/23/01
14305		TW	CYLINDRICAL INSULATION DISPLACING CONNECTOR	79105881	7/28/90	45291	6/21/91
14764		TW	INSULATION DISPLACING BARREL TERMINAL	80109892	12/18/91	56120	8/19/92
14774		TW	PLUGGABLE CONNECTOR FOR USE WITH INSULATION DISPLACING BARREL TERMINALS	79104347	5/30/90	44421	5/18/91
15496		TW	MODULE FOR TELEPHONE LINE CONDUCTOR PAIR HAVING SINGLE PROTECTOR UNIT	82106778	8/23/93	85775	3/21/97
15526		TW	COMMUNICATIONS CONNECTOR TERMINAL ARRAYS HAVING NOISE CANCELLING CAPABILITIES	82110692	12/17/93	66625	10/17/94
15673		TW	MICRO-CONNECTOR	83101213	2/16/94		
15780		TW	CAPTIVATED FIBER OPTIC CONNECTOR	83103304	4/14/94	91298	11/21/97
15912		TW	ELECTRICAL CONNECTOR FOR TELECOMMUNICATIONS	84100585	1/24/95	94469	5/1/98
15954		TW	AUTOMATIC LOCKING MECHANISM	84100584	1/24/95		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
16146		TW	STRAIN RELIEVING HOLDER FOR OPTICAL FIBER CABLE	85218568	11/20/95	129426	9/21/97
16146		TW	STRAIN RELIEVING HOLDER FOR OPTICAL FIBER CABLE	84112281	11/20/95		
16231		TW	OPTICAL FIBER SPLICE TRAY AND COVER	84111213	10/24/95	80137	12/9/96
16749		TW	ELECTRICAL OUTLET HAVING PANEL MOUNT LATCHES	87102830	2/27/98		
17079		TW	FACEPLATE WITH PROVISION FOR OPTIONAL ICONS	89202371	11/18/98	201439	7/22/03
17243		TW	MODULAR PLUG HAVING A CIRCUIT BOARD	88210622	6/28/99	174560	10/8/01
17324		TW	TERMINATING WIRE CARRIER MODULE	88210227	6/22/99	169445	6/11/01
40057		TW	SHIELDED DATA CONNECTOR	81103479	5/5/92	61408	7/21/93
40363		TW	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION				
40427		TW	SEALED SPLICING CONNECTOR	85111493	9/20/96	90361	10/11/97
50834		TW	ELECTRICAL CONNECTOR	84302926	4/14/95	51355	6/4/96
61019		TW	METHOD AND APPARATUS FOR TESTING FIBER OPTIC HUBS	76107958	12/28/87	38686	8/16/90
WR160		TW	Catv Splitter With Variable Attenuation	82110942	12/23/93		
WR160		TW	Catv Splitter With Variable Attenuation	85203690	12/23/93	UM-162807	8/21/00
WR164		TW	Uteic Cable Gripper With Self-Centring	82110997	12/24/93	NI68785	3/24/95
WR171		TW	Catv Tap With Switch	83109140	10/3/94		
WR172		TW	Catv Tap With Power Tap-Off	86221311	10/3/94		
WR172		TW	Catv Tap With Power Tap-Off	83109138	10/3/94		
E-TO-00038		TW	Improved Structure of Network Connector	94209636	6/9/05	283394	12/11/05
	96-020	TZ	Terminal, isolating or connecting strip	TZ/P/97/00004	12/8/97	97/00004	7/31/00
2316.0372		UA	MINIATURE COAX JACK MODULE	94095808	7/14/92		
2316.0786		UA	FIBER CONNECTOR AND ADAPTER	99126962	5/14/98		
2316.1888		UA	CABLE WITH OFFSET FILLER	200605993	10/14/04		
2316.1888		UA	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	a200605996	10/14/04		
2316.3395		UA	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing				
2316.3399		UA	FIBER OPTIC ADAPTER BLOCK	a 2014 08126	1/11/13		
	09-008	UA	Patch panel for an optical distribution frame	a201111097	12/16/09	103229	9/25/13
	11-001	UA	Fiber-optic connection arrangement and adapter sleeve	a201310131	2/10/12		
	MP1492	UA	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	96103883	4/6/95		
	00-015	UA	Electrical Connector	2003021326/M	7/26/01	73595	8/15/05

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	03-002	UA	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	a200508603	2/27/04	89612	2/25/10
	03-006	UA	Distribution board connection module	a200602214	8/12/04	81968	2/25/08
	04-002	UA	Plug connector for printed circuit boards	a200610524	3/19/05	86965	6/10/09
	04-003	UA	Electrical connection module	a200702227	8/24/05	89199	1/11/10
	04-010	UA	Distribution board connection module	a200704749	10/31/05		
	04-011	UA	Distribution board connection module	a200704753	10/31/05	87526	7/27/09
	04-012	UA	Plug-in connector for printed circuit boards	a200704754	10/31/05	89387	1/25/10
	05-005	UA	Plug connection	a200710908	3/1/06	93501	2/25/11
	09-005	UA	Strain relief device	a201110850	12/16/09	99566	8/27/12
	11-014	UA	Surface-Mountable Enclosure	201400777	7/26/12		
	86-064	UA	A casing, particulary a junction-box casing for telecommunications engineering	4202855.09RU	9/17/93	7619	9/29/95
	86-066	UA	Cutting/clamping terminal element for electrical conductors	1724022RU	9/17/93	7585	9/29/95
	87-077	UA	Device for holding connector banks in telecommunication systems	97230010	9/17/93	19105	12/25/97
	88-086	UA	Tool for connecting cable wires	95320724	9/17/93	13153	2/28/97
	88-088	UA	Protective plug for connector or disconnector banks	96240043	9/17/93	15535	6/30/97
	88-092	UA			6/10/88		
	88-095	UA	Contact member of electrical conductors	93003700	9/17/93	26618	10/11/99
	89-010	UA	Wire connector for cable wires, in particular of telecommunication cables	6532	10/28/93		
	90-006	UA	Connecting block for the telecommunication and data technology	93003326	10/29/93		
	90-011	UA	Terminal block for telecommunications systems	93003646	5/8/91	27701	10/16/00
	90-012	UA	Cutting Clamping Contact	95320725	9/17/93	13154	2/28/97
	90-015	UA	Protective circuit and protective device plug for telecommunication installations	93003491	8/14/90		
	91-010	UA		5052041	6/18/92		
	91-013	UA	Terminal bank for the telecommunication and data technology	93003003	6/18/93	25891	2/26/99
	91-014	UA	Cutting and clamping sleeve contact	505388	6/17/93		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	92-004	UA	Case, in particular cable branching case	93004559	6/17/93		
	92-014	UA	Split flap display device	93003195	8/18/93		
	92-019	UA	Method for elctronically labelling articel		11/12/93		
	93-015	UA	Cable branching device	94005132	3/14/94	37188	5/15/01
	93-020	UA	Termination module	94005176	4/13/94		
	93-023	UA	Connection block for high speed transmission in the telecommunication and data system	94075664	7/26/94	26581	5/12/99
	93-030	UA	Terminal block	94085754	8/26/94		
	93-032	UA	Electrical Plug Connector	94095836	9/19/94		
	93-040	UA	Process for reducing the tearability of a thermally shrinkable web	94005143			
	94-006	UA	Winding cartridge	94085711	8/17/94	27875	10/16/00
	94-007	UA	Insulation displacement contact element	95018088	1/31/95	27919	10/16/00
	94-012	UA	Obliquely disposed insulation displacement contact	95038277	3/24/95	27931	10/16/00
	94-021	UA	Method for the protection in particular of telecommunication installations and protection circuit for carrying out the method	95048325	4/11/95	39185	6/15/01
	94-031	UA	Protection plug	95094128	9/12/95	39952	7/16/01
	94-032	UA	Terminal element	95094127	9/12/95	27968	10/16/00
	94-039	UA	Charge detection in a telephone network		7/12/95		
	95-013	UA	Termination device for the telecommunication and data technique	96093712	9/26/96		
	95-016	UA	Terminal block for high transmission rates	96093711	9/26/96	28046	10/16/00
	95-019	UA	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96093739	9/27/96		
	96-001	UA	Electronic access control and security system	97030964/I	3/4/97	41413	9/17/01
	96-002	UA	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97031160/I	3/14/97	42784	11/15/01
	96-005	UA	Management-capable splice cassette	97031094/I	3/11/97	48144	8/15/02
	96-011	UA	High density high performance connector	97052266/I	5/16/97	41423	9/17/01

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-013	UA	Connecting terminal	97105039/I	10/14/97		
	96-018	UA	Clamping device	97105243/I	10/28/97	50735	11/15/02
	96-019	UA	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97105244/1	10/28/97		
	96-020	UA	Terminal, isolating or connecting strip	97125880/I	12/8/97	32452	12/15/00
	97-002	UA	Outdoor housing	98020732/I	2/12/98	46041	5/15/02
	97-003	UA	Protection Plug	98020730/I	2/12/98	56995	6/16/03
	97-008	UA	Arrangement of contact pairs for compensation of near-end crosstalk	98020731/I	2/12/98		
	97-012	UA	Distribution block for telecommunication and data technology	98031170/I	3/5/98		
	97-013	UA	Stationary housing with wall elements made of plastic	98031169/I	3/5/98		
	97-016	UA	Overvoltage protection module	98052261/I	5/4/98		
	97-019	UA	Interface module	98052262/I	5/4/98		
	97-023	UA	Method for designing a telecommunications and data network	2000020943/M	8/6/98		
	98-013	UA	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	2000116512/M	5/12/99	58592	8/15/03
	98-022	UA	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-024	UA	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-025	UA	Shielding device for connection strips in telecommunications and data engineering	2001053467/M	10/14/99		
	99-017	UA	Connecting cable with an electrical plug connection	PCT/EP00/11348	11/16/00		
	MP1374C	UA	Gel Filled Modular Electrical Connecting Block	95073444	1/12/94		
	MP1431	UA	Hybrid Fiber In The Loop Telephony System	94095769	2/22/93		
02316.3986USWO	TO-00266	UA	Fiber Optic Multi Dwelling Unit Deployment Apparatus and Methods for Using the Same	a201108358	12/7/09		
2316.1910/WO		UA	Communication wire	2005 03814	9/8/03		
P12.482 UA/10-008 UA	10-008	UA	Connecting box for glass fiber cables	a201211503	1/10/11	105566	5/26/14
WR143		UA					
WR146		UA	Modified Ezf Connector				

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR148		UA	Hand Operated Multiple Wire Connector With Guide Slots				
WR155		UA	Silicone Rubber Seal For Box				
WR165		UA	Catv Box For In-Line/Butt Connection	96020757	8/23/94		
WR166		UA	Shaped Silicone Rubber Seal For Uteic Closure	96020758	8/23/94		
WR168		UA					
	96-020	UG	Terminal, isolating or connecting strip	AP/P/98/01188	12/8/97	AP1030	12/31/01
	98-024	UG	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	82-035	UY	Terminal element for cable wires and drop wire cables	22.066	3/19/84	13.112	10/31/90
	83-040	UY	A terminal strip	22.072	3/20/84	12.715	3/10/86
	83-140	UY	A cable distribution head	22046	1/30/84	12.822	1/30/87
	84-147	UY	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	22.194	10/25/84	12.866	11/24/87
	85-003	UY		22.471	6/18/86		
	86-019	UY	Connector bank for cable wires, in particular for telephone cables	22.603	4/23/87		
	86-064	UY	A casing, particulary a junction-box casing for telecommunications engineering	22.536	11/3/86		
	86-069	UY	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	22.703	12/3/87	13.108	10/26/90
	87-077	UY	Device for holding connector banks in telecommunication systems	22.781	5/20/88	13.147	4/1/91
	90-011	UY	Terminal block for telecommunications systems	23.205	4/9/91	13.506	7/23/96
	90-012	UY	Cutting Clamping Contact	23.223	6/14/91	13.507	7/23/96
	90-015	UY	Protective circuit and protective device plug for telecommunication installations	23.256	7/5/91	13.505	7/23/96
	91-014	UY	Cutting and clamping sleeve contact	23.455	8/20/92	13.430	11/14/94
	93-020	UY	Termination module	23.779	6/29/93		
	95-012	UY	Distribution device for telecommunications and data technique	24.315	8/23/96		
	95-013	UY	Termination device for the telecommunication and data technique	24.330	9/17/96		
	95-016	UY	Terminal block for high transmission rates	24.314	8/23/96		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	95-019	UY	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	24.319	8/29/96		
	96-002	UY	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	24.454	2/7/97		
	96-013	UY	Connecting terminal	24.633	7/22/97		
	96-020	UY	Terminal, isolating or connecting strip	24.803	12/9/97	14313	7/3/09
	97-018	UY	Overvoltage protection plug with fail-safe device	25.008	5/19/98		
	98-023	UY	Electrical Connector	25.603	7/9/99		
	99-016	UY	STC-Module	26.444	11/20/00		
	98-024	UZ	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
WR165		UZ	Catv Box For In-Line/Butt Connection	9600193.2	8/23/94		
100.0019		VE	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	1542/2001	7/18/01		
100.0414		VE	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	28122000	12/14/00		
2316.0172		VE	OPTICAL SWITCH	63,389	5/4/89		
2316.0786		VE	FIBER CONNECTOR AND ADAPTER	98001051	5/18/98		
2316.1017		VE	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	2000-000284	2/10/00		
2316.1177		VE	UPGRADEABLE MEDIA WALL CONVERTER AND HOUSING	2001-001705	8/8/01		
2316.1180		VE	DESIGN AND ESTIMATING TOOLS FOR THE DESIGN OF TELECOMMUNICATIONS INFRASTRUCTURE IN A STRUCTURE	2001-000451	3/1/01		
2316.1223		VE	CIRCUIT ASSEMBLY FOR MONITORING PORT ACTIVITY AND INTEGRITY OF A MULTIPORT MEDIA CONVERTER	2001-001706	8/8/01		
2316.1231		VE	METHOD AND SYSTEM FOR MDI CROSSOVER CONTROL	2001-001710	8/8/01		
2316.1255		VE	METHOD AND APPARATUS FOR DISTRIBUTION OF POWER IN A MEDIA CONVERTER SYSTEM	2001-001709	8/8/01		
2316.1461		VE	HIGH CIRCUIT DENSITY POTS SPLITTER ASSEMBLY	2002-001269	6/28/02		
2316.2418		VE	POLYETHYLENE TO POLYURETHANE ADHESION PROCESS	2008-000216	2/1/08		
2316.2460		VE	HARDENED FIBER OPTIC CONNECTOR	2008-000156	1/24/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2498		VE	HARDENED FIBER OPTIC ADAPTER	2008-000125	1/22/08		
2316.2545		VE	WALL MOUNT BOX WITH SPLITTER	2008-000457	3/7/08		
2316.2546		VE	TELECOMMUNICATIONS RACK UNIT TRAY	2008-000437	3/6/08		
	NC030	VE	RF Chokes Comprising Parallel Coupled Inductors	558	3/20/98		
	MP1492	VE	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	551-95	4/7/95		
	MP0192	VE	Heat-Recoverable Article With Self-Contained Heater	2120/75	11/10/75	34734	9/27/76
	MP0790COM	VE	Thermoweave	2074	12/17/87	50668	6/7/94
	81-135	VE	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	1486-82	8/20/82	45.543	7/29/87
	82-030	VE	Modular plug connector	80-83	1/19/83	45.582	7/31/87
	83-140	VE	A cable distribution head	48-84	1/13/84	46.041	11/2/87
	84-147	VE	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	1423-84	8/17/84	46.653	8/15/88
	85-003	VE		960-86	6/18/86		
	86-019	VE	Connector bank for cable wires, in particular for telephone cables	589-87	4/24/87	052351	10/7/94
	86-064	VE	A casing, particulary a junction-box casing for telecommunications engineering	1928-86	11/7/86	49.519	12/15/93
	86-066	VE	Cutting/clamping terminal element for electrical conductors	1668-87	10/21/87	51.003	10/18/94
	86-069	VE	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	1831-87	11/13/87		
	87-075	VE	Connector bank for telecommunication devices	922-88	6/8/88		
	87-077	VE	Device for holding connector banks in telecommunication systems	904-88	6/3/88	51.285	11/16/98
	88-086	VE	Tool for connecting cable wires	1857/88	11/23/88	51.340	8/28/98
	88-095	VE	Contact member of electrical conductors	792-89	5/31/89	51.525	5/2/89
	89-006	VE	Connector banks with voltage surge protection	415-90	3/28/90		1/17/94
	90-006	VE	Connecting block for the telecommunication and data technology	139-91	2/6/91	52.249	8/19/94

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	90-012	VE	Cutting Clamping Contact	652-91	5/22/91	52.501	10/7/94
	90-015	VE	Protective circuit and protective device plug for telecommunication installations	914-91	7/12/91		
	91-014	VE	Cutting and clamping sleeve contact	1232-92	8/7/92		
	92-004	VE	Case, in particular cable branching case	1967-92	12/16/92		
	95-013	VE	Termination device for the telecommunication and data technique	1643-96	9/26/96		
	95-016	VE	Terminal block for high transmission rates	1367-96	8/1/96		
	95-019	VE	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	1494-96	8/27/96		
	96-002	VE	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	0197-97	2/4/97		
	96-013	VE	Connecting terminal	1541-97	7/31/97		
	96-020	VE	Terminal, isolating or connecting strip	2513-97	12/9/97		
	97-002	VE	Outdoor housing	0429-98	3/3/98		
	97-012	VE	Distribution block for telecommunication and data technology	0482-98	3/10/98		
	97-013	VE	Stationary housing with wall elements made of plastic	0483-98	3/10/98		
	97-016	VE	Overvoltage protection module	0903-98	4/30/98		
	99-008	VE	Unit with wire termination and RJ style plug	2000-001178	5/30/00		
	99-013	VE	Interconnection device for telephone/data lines with tool less wire termination and easy disconnection for testing	2000-001569	7/25/00		
	99-016	VE	STC-Module	2000-002554	11/16/00		
	MP0766	VE	Fiber Optic Splicing	730/82	4/27/82		
	MP0781COM	VE	Flat Sheet Closure & Method	1565	9/8/82		
	MP1027	VE	Closure Including Gel-Filled End Seals	182	5/2/86	47794	4/11/90
	MP1028COM	VE	Drop Wire Closure Having First And Second Cams	168	2/4/86	49122	11/2/92
	MP1064	VE	Optical Fiber Distribution Network	1097	7/9/86		
	MP1317	VE	Telecommunications Terminal Housing & Method Of Encl A Telecomm Terminal Within A Minimum Clearance Opening Container	001243	8/16/90		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1374A	VE	Alarm And Test System For A Digital Added Mail Line	1175-91	8/30/91	385	10/7/94
	MP1432	VE	Low Temperature Expandable Gaskets	1180	8/6/93		
	MP1476	VE	Oval Port Seal	1050	7/21/94		
	MP1511	VE	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	889-95	6/1/95		
	NC002	VE	Cable Splice Enclosures	531	4/26/91		
	NC004	VE	Telecommunications Terminal Block	1605-92	10/9/92	1605-92	6/5/95
	NC005	VE	Fiber Optic Splice Organizer And Associated Method	959	6/29/93		
	NC006	VE	Gas Tube Vent-Safe Device	960	6/29/93		
	NC008	VE	Surge Arrestor Fail Safe Thermal Overload Mechanism	961	6/29/93		
	NC010	VE	Enclosure Assembly For Telecommunication Cables	875	6/15/93		
	NC011	VE	Telecommunications Network Interface Assembly	642	5/11/93		
	NC012	VE	Fiber Optic Splice Closure	1802	11/24/93		
	NC014	VE	Telecommunications Terminal Block	493	4/12/94		
	NC016	VE	Fiber Optic Splice Closure And Associated Methods	525	4/15/94		
	NC017	VE	Fiber Optic Cable System Including Main And Drop Cables And Associated Fabrication Method	524	4/15/94		
	NC024	VE	Splice Closure For Buried Telecommunications Cables	1692-96	10/4/96		
	NC025	VE	Protected Telecommunications Terminal	1350-95	8/8/95		
	NC071	VE	Toggle Type Telecommunications Terminal Blocks	665-04	4/29/04		
	MP1345COM	VE		640	5/20/91		
02316.3999VEI2	MP1374C	VE	Gel Filled Modular Electrical Connecting Block	0108-94	1/19/94	57792	4/7/00
2316.1006/01		VE	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	2000-000084	1/10/00		
2316.1007/I1		VE	TELECOMMUNICATIONS JACK ASSEMBLY	2000-00104	1/12/00		
2316.1011/I2		VE	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	00000419	2/29/00		
2316.1011/I2		VE	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	00001227	6/2/00		
2316.1011/I4		VE	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	2001-000880	4/27/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1066/I1		VE	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	2001-001839	8/27/01		
WR159		VE	Uteic With Ports For In-Line Or Butt Connection	355	3/14/94		
2316.1892		VN	Cable with twisting filler and shared sheath	1-2003-00910	4/16/02		
	01-004	VN	Universal adapter	1-2004-00146	7/27/02	7544	2/23/09
	00-008	VN	Ground bus and protective plug for a connecting or isolating block in telecommunications- and data technology	1-2002-01128	5/30/01	4553	9/15/04
	00-009	VN	Connection module with overvoltage device	1-2002-01127	5/30/01	4670	11/29/04
	00-012	VN	Assembly and method for use in terminating an optical fiber or fibers	1-2002-01126	6/11/01	4860	3/25/05
	00-015	VN	Electrical Connector	1-2003-00151	7/26/01	4702	12/21/04
	00-017	VN	Coupling device for glass fiber connectors	1-2003-00284	9/21/01	4986	6/14/05
	00-018	VN	Plastic patch panel	1-2003-00288	9/24/01	5782	7/18/06
	00-019	VN	Optical Fibre Connection Housing	1-2003-00287	9/24/01	4806	2/28/05
	01-005	VN	Strain relief device for a Plug Connector for Communications and Data technology	1-2004-00228	8/12/02	4807	2/28/05
	01-007	VN	Terminal block	1-2004-00298	9/13/02	4990	6/14/05
	02-006	VN	Patch Cord Connector	PCT/EP03/07675	7/16/03		
	03-002	VN	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	1-2005-01476	2/27/04	7701	5/5/09
	03-003	VN	Overvoltage protection magazine for a telecommunications device	1-2005-01684	3/26/04	6767	12/21/07
	03-006	VN	Distribution board connection module	1-2006-00359	8/12/04	6768	12/21/07
	05-005	VN	Plug connection	1-2007-02302	3/1/06	9896	12/6/11
	07-021	VN	Electrical Connector				
	07-025	VN	Connecting strip and contact element for telecommunications and data technology	1-2009-02645	5/16/08		
	93-037	VN	Local ISDN radio transmission system	S-1781/96	7/28/94	713	11/28/98
	94-031	VN	Protection plug	S-1281/95	7/17/95	616	7/28/98
	95-013	VN	Termination device for the telecommunication and data technique	SC0186/96	9/11/96		
	95-019	VN	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	SC0185/96	9/11/96		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-013	VN	Connecting terminal	S19970601	7/5/97	2955	8/2/02
	96-020	VN	Terminal, isolating or connecting strip	S19971176	12/9/97	3277	1/22/03
	98-024	VN	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	99-015	VN	Housing for installing terminal blocks for telecommunications and data engineering	1-2000-00826	9/19/00		
	99-015	VN	Housing for installing terminal blocks for telecommunications and data engineering	2-2004-00159	9/19/00	453	1/31/05
	ITRACS001	VN	A System for Monitoring Connection Pattern of Data Ports	1200101074	4/5/00	3928	11/19/03
	MP1374C	VN	Gel Filled Modular Electrical Connecting Block	S-1279/95	1/12/94	683	10/15/98
02316.3413VNWO	TO-00509	VN	Optical Fiber Connection System Including Optical Fiber Alignment Device	1-2014-02980	2/6/13		
2316.1910/WO		VN	Communication wire	1-2005-00509	9/8/03	6910	3/10/08
100.0001		WO	AUTOMATIC LEVEL CONTROL FOR INPUT TO ANALOG TO DIGITAL CONVERTER	US01/19822	6/21/01		
100.0014		WO	ADAPTIVE TRAINING SEQUENCE FOR SYSTEMS USING TIME DIVISION MULTIPLE ACCESS	US01/24414	8/3/01		
100.0019		WO	POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT	PCT/US2001/021021	7/3/01		
100.0043		WO	CIRCUIT AND METHOD FOR SERVICE CLOCK RECOVERY	US99/01115	1/19/99		
100.0045		WO	PHASE LOCK LOOP FOR SYNCHRONOUS REFERENCE CLOCKS	US98/23967	11/10/98		
100.0046		WO	CIRCUITS AND METHODS FOR A RING NETWORK	US98/17279	8/20/98		
100.0049		WO	ADDED BIT SIGNALING IN A TELECOMMUNICATIONS SYSTEM	US94/05185	5/10/94		
100.0051		WO	POINT-TO-MULTIPOINT PERFORMANCE MONITORING ISOLATIONS SYSTEM	US93/11048	11/15/93		
100.0054		WO	OPTIMIZATION OF WEIGHTED SIGNAL-TO-NOISE RATIO FOR A DIGITAL VIDEO ENCODER	US94/03879	4/8/94		
100.0056		WO	PROTECTION SWITCHING APPARATUS AND METHOD	US94/11266	10/4/94		
100.0057		WO	CONTROL AND COMMUNICATIONS APPARATUS	US94/11262	10/4/94		
100.0058		WO	HYBRID FIBER/COAX VIDEO AND TELEPHONY COMMUNICATION SYSTEM	US95/11840	9/19/95		
100.0061		WO	MULTI-POINT TO POINT COMMUNICATION SYSTEM	US96/01575	2/6/96		
100.0062		WO	METHOD OF COMMUNICATION CHANNEL MONITORING	US96/01606	2/6/96		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0065		WO	SCANNING RSSI RECEIVER SYSTEM USING INVERSE FFT	PCT/US1998/003708	2/25/98		
100.0066		WO	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	US97/08533	5/20/97		
100.0071		WO	SYSTEM AND METHOD FOR TRANSMITTING DATA	US98/01008	1/21/98		
100.0075		WO	METHOD AND APPARATUS FOR IMPROVING RECEIVER PERFORMANCE IN A LAND MOBILE COMMUNICATIONS SYSTEM	US96/18330	11/12/96		
100.0076		WO	METHOD AND APPARATUS FOR FREQUENCY AGILITY IN A COMMUNICATION SYSTEM	US96/03664	3/18/96		
100.0079		WO	DIGITAL METHODS AND APPARATUS REVERSE LINK SIGNAL DETECTION AND RECOVERY IN A MOBILE DATA BASE STATION	US94/13070	11/14/94		
100.0080		WO	OPEN LOOP PHASE ESTIMATION METHODS AND APPARATUS FOR COHERENT COMBINING OF SIGNALS USING SPATIALLY DIVERSE ANTENNAS IN MOBILE CHANNELS	US94/11374	10/5/94		
100.0081		WO	OPEN LOOP PHASE ESTIMATION METHODS AND APPARATUS FOR COHERENT DEMODULATION OF PHASE MODULATED CARRIERS IN MOBILE CHANNELS	US94/11403	10/5/94		
100.0082		WO	METHOD AND APPARATUS FOR DUAL DEMODULATION OF MOBILE CHANNEL SIGNALS	US94/12919	11/8/94		
100.0083		WO	SYSTEM AND METHOD FOR DISTRIBUTING RF SIGNALS	US98/13248	6/26/98		
100.0084		WO	CELLULAR DIGITAL PACKET DATA MOBILE DATA BASE STATION	US94/13026	11/14/94		
100.0094		WO	PHASE-LOCKED LOOP WITH A LOOP FILTER	US99/11426	5/24/99		
100.0098		WO	CIRCUITS AND METHODS FOR A MONITORING CIRCUIT IN A NETWORK AMPLIFIER	US99/15736	7/12/99		
100.0099		WO	REDUCING WAITING TIME JITTER	US99/25801	11/2/99		
100.0104		WO	USING ALTERNATE POLARIZATION IN WIRELESS SYSTEM	US99/25402	10/29/99		
100.0106		WO	PROTECTION SWITCHING OF VIRTUAL CONNECTIONS	US99/01358	1/22/99		
100.0108		WO	REDUCED POWER CONSUMPTION IN A COMMUNICATION DEVICE	US00/10176	4/14/00		
100.0113		WO	INTERFACE FOR AN ENTERPRISE RESOURCE PLANNING PROGRAM	US00/09912	4/13/00		
100.0115		WO	DIGITAL RETURN PATH FOR HYBRID FIBER/COAX NETWORK	US00/41472	10/24/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0118		WO	ADAPTIVE CLOCK RECOVERY FOR CIRCUIT EMULATION SERVICE	US00/42226	11/17/00		
100.0120		WO	DIGITAL NODE FOR HYBRID FIBER/COAX NETWORK	US00/41470	10/24/00		
100.0129		WO	ARCHITECTURE FOR INTERMEDIATE FREQUENCY VIDEO ENCODER	US01/06890	3/2/01		
100.0131		WO	AUTOMATIC GAIN CONTROL FOR INPUT TO ANALOG TO DIGITAL CONVERTER	US01/06725	3/2/01		
100.0144		WO	DYNAMIC RANGE EXTENSION WITH GAIN CORRECTION	US01/19992	6/21/01		
100.0147		WO	MECHANICAL HOUSING	US01/47232	11/5/01		
100.0149		WO	MODULE FOR SELECTION OF POWER SOURCE	US01/26722	8/27/01		
100.0156		WO	CABLE HEAD ASSEMBLY	US01/47092	11/6/01		
100.0157		WO	HIGH FREQUENCY AMPLIFICATION CIRCUIT	US01/31763	10/10/01		
100.0181		WO	CIRCUIT ARRANGEMENT FOR REDUCING PASSBAND RIPPLE OF A BANDPASS FILTER	US99/00354	1/19/99		
100.0185		WO	IMPROVED AMPLIFIER HAVING REDUNDANCIES	US00/03447	2/10/00		
100.0186		WO	APPARATUS AND METHOD FOR DETERMINING RETURN LOSS OF AN ELECTRICAL DEVICE	US00/03444	2/10/00		
100.0193		WO	DISTRIBUTION OF WIRELESS TELEPHONY AND DATA SIGNALS IN A SUBSTANTIALLY CLOSED ENVIRONMENT	US03/07135	3/10/03		
100.0204		WO	CLAMPING CASE	US02/24828	7/31/02		
100.0214		WO	FUSE TOOL (Version 2)	US02/25385	8/8/02		
100.0216		WO	CLAMPING RECEPTACLE	US02/24757	7/31/02		
100.0266		WO	TUNING A CAVITY FILTER BASED ON STORED POSITIONAL DATA FOR TUNING MEMBERS	US02/33877	10/23/02		
100.0375		WO	METHOD AND APPARATUS FOR IMPROVING RECEIVER PERFORMANCE IN A LAND MOBILE COMMUNICATIONS SYSTEM	US96/18330	11/12/96		
100.0376		WO	METHOD AND APPARATUS FOR FREQUENCY AGILITY IN A COMMUNICATION SYSTEM	US96/03664	3/22/96		
100.0381		WO	METHOD AND APPARATUS FOR DETECTING THE COLLISION OF DATA PACKETS	US85/00259	2/15/84		
100.0382		WO	EDGE-EMITTING LIGHT EMITTING DIODE	US85/00290	2/23/84		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0407		WO	SYSTEM AND METHOD FOR ELECTRONICALLY IDENTIFYING CONNECTIONS OF A CROSS-CONNECT SYSTEM	US98/24447	11/17/98		
100.0408		WO	TEST ACCESS SYSTEM AND METHOD FOR DIGITAL COMMUNICATION LINKS	US98/27469	12/23/98		
100.0409		WO	TEST ACCESS SYSTEM AND METHOD FOR DIGITAL CROSS CONNECT COMMUNICATION NETWORKS	US00/15632	6/7/00		
100.0411		WO	TEST ACCESS AND PERFORMANCE MONITORING SYSTEM AND METHOD FOR CROSS-CONNECT COMMUNICATION NETWORK	US98/27467	12/23/98		
100.0412		WO	METHOD AND APPARATUS FOR CONFIGURING AND MAINTAINING TOKEN RING NETWORKS	US93/03641	4/13/93		
100.0414		WO	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	US00/33850	12/14/00		
100.0415		WO	APPARATUS AND METHOD FOR FILTERING VOICEBAND AND METERING TONE FREQUENCIES OF A MIXED VOICE/DATA SIGNAL	US01/40278	3/9/01		
100.0416		WO	VOICE/DATA SIGNAL SPLITTER EMPLOYING CONTROLLABLE BYPASS APPARATUS AND METHOD	US01/22019	7/13/01		
100.0450		WO	MEASURING AN ERROR RATE IN A COMMUNICATION LINK	US03/038304	12/3/03		
100.0451		WO	DISTRIBUTED DIGITAL SIGNAL SUMMATION AND GAIN CONTROL	US03/038350	12/3/03		
100.0452		WO	DISTRIBUTED DIGITAL ANTENNA SYSTEM	PCT/US2003/038302	12/3/03		
100.0453		WO	SMALL SIGNAL THRESHOLD AND PROPORTIONAL GAIN DISTRIBUTED DIGITAL COMMUNICATIONS	PCT/US2003/038354	12/3/03		
100.0559		WO	COMPENSATING FOR DIFFERENCES IN SIGNAL PATHS IN AN ELECTRONIC MODULE	US04/008504	3/19/04		
100.0567		WO	SCALABLE DISTRIBUTED RADIO NETWORK	US06/03701	2/1/06		
100.0622		WO	MULTIPLE PORT, FIBER OPTIC CIRCULATOR	US99/24378	10/19/99		
100.0623		WO	MULTIPLE PORT, FIBER OPTIC ISOLATOR	US99/24339	10/19/99		
100.0624		WO	MULTIPLE PORT FIBER OPTIC COUPLING DEVICE	US99/24379	10/19/99		
100.0626		WO	FIBER OPTIC DEVICE OPERATING AT TWO OR MORE WAVELENGTHS	US01/05100	2/16/01		
100.0627		WO	FIBER OPTIC ISOLATOR FOR USE WITH MULTIPLE-WAVELENGTH OPTICAL SIGNALS	US01/05081	2/16/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0629		WO	RETROREFLECTIVE SHEETING MATERIAL, A METHOD OF ITS PRODUCTION AND ITS USE	DK94/00366	10/4/94		
100.0630		WO	METHOD FOR FREQUENCY AND MODE STABILISATION OF A TUNEABLE LASER THAT HAS AT LEAST THREE SECTIONS	SE01/00479	3/7/01		
100.0631		WO	A METHOD OF PRODUCING DISTRIBUTING REFLECTORS, AND REFLECTORS PROVIDED BY THE METHOD	SE01/00344	9/2/01		
100.0632		WO	A METHOD OF OPTIMIZING THE POINTS OF OPERATION OF LASERS AND MEANS TO THIS END	SE99/00077	1/20/99		
100.0633		WO	A METHOD OF EVALUATING TUNEABLE LASERS	SE00/00291	2/15/00		
100.0634		WO	A METHOD OF CHARACTERIZING A TUNEABLE LASER	SE00/00292	2/15/00		
100.0635		WO	A METHOD OF CHARACTERIZING A TUNEABLE LASER AND DETERMINING ACTUAL WAVE LENGTH	PCT/SE00/00294	2/15/00		
100.0682		WO	TUBULAR MEMBRANE VENT	US06/32118	8/17/06		
100.0683		WO	WALL-MOUNTABLE CONNECTOR	US06/31015	8/9/06		
100.0701		WO	USE OF FORWARD ERROR CORRECTION IN WIDEBAND DIGITAL RF TRANSPORT SYSTEMS	US07/62190	2/15/07		
100.0704		WO	MECHANISM TO UPGRADE SYSTEM CAPABILITY WITHOUT AFFECTING SERVICE	US06/036571	9/18/06		
100.0705		WO	SYSTEMS AND METHODS FOR OPTICAL POWER WINDOW CONTROL	PCT/US2006/038209	9/28/06		
100.0707		WO	PROVIDING WIRELESS COVERAGE INTO SUBSTANTIALLY CLOSED ENVIRONMENTS	US06/22342	6/8/06		
100.0711		WO	POLARIZATION CONTROL UV WRITING	US01/16453	5/21/01		
100.0718		WO	TUNABLE SEMICONDUCTOR LASER WITH INTEGRATED WIDEBAND REFLECTOR	IB02/02646	7/4/02		
100.0723		WO	Reverse link antenna diversity in a wireless telephony system	US99/12497	6/4/99		
100.0724		WO	METHODS AND SYSTEMS FOR CONTROLLING OPTICAL POWER ATTENUATION	PCT/US2006/038424	9/28/06		
100.0726		WO	A SYSTEM AND METHOD TO MONITOR BROADBAND RADIO FREQUENCY TRANSPORT SYSTEMS	PCT/US2006/061995	12/13/06		
100.0728		WO	GSM TIME SQUELCH	US99/13596			
100.0729		WO	Centrally located equipment for wireless telephone system	US99/03610	2/19/99		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0731		WO	WIDE BAND NOISE REDUCTION SYSTEM	US00/13887			
100.0732		WO	Embedded forward reference and control	US00/13888	5/19/00		
100.0738		WO	Simulcast with hierarchical cell structure overlay	US99/05844	3/17/99		
100.0739		WO	BROADCAST DOWNLOAD TECHNIQUE	US00/13889	5/19/00		
100.0740		WO	IMPROVED REVERSE PATH AUTOGAIN CONTROL	US00/13886	5/19/00		
100.0741		WO	Low noise in-building distribution network for wireless signals	US00/09976	4/13/00		
100.0755		WO	Multi-Protocol Distributed Wireless System Architecture	US01/09724	3/27/01		
100.0763		WO	Operations and Maintenance Architecture for Multiprotocol Distributed System	US01/40394	3/29/01		
100.0764		WO	METHOD AND APPARATUS FOR AUXILIARY PILOT SIGNAL FOR MOBILE PHONE LOCATION	US03/02665	1/28/03		
100.0765		WO	System and method for retransmission of data	US03/15001	5/13/03		
100.0768		WO	METHODS AND SYSTEMS FOR CONTROLLING POWER IN A COMMUNICATIONS NETWORK	PCT/US2007/061763	2/7/07		
100.0783		WO	CARTRIDGE FOR USE IN RADIO FREQUENCY SYSTEMS	US06/62020	12/13/06		
100.0784		WO	SYSTEM AND METHOD FOR ENHANCING THE PERFORMANCE OF WIDEBAND DIGITAL RF TRANSPORT SYSTEMS	PCT/US2007/066144	4/6/07		
100.0788		WO	SYSTEMS AND METHODS FOR ANALOG TRANSPORT OF RF VOICE/DATA COMMUNICATIONS	PCT/US2007/066318	4/10/07		
100.0799		WO	STRAND MOUNT HOOK	US07/71662	6/20/07		
100.0807		WO	METHOD OF IDENTIFYING A DEVICE BY GPS COORDINATES	PCT/US2007/081790	10/18/07		
100.0814		WO	DELAY MANAGEMENT FOR DISTRIBUTED COMMUNICATIONS NETWORKS	PCT/US2008/072953	8/13/08		
100.0826		WO	SYSTEMS AND METHODS FOR A UNIVERSAL BASE STATION	PCT/US2008/056513	3/11/08		
100.0828		WO	MODULAR WIRELESS COMMUNICATIONS PLATFORM	PCT/US2008/052023	1/25/08		
100.0829		WO	A DISTRIBUTED REMOTE BASE STATION SYSTEM	US08/52026	1/25/08		
100.0833		WO	THERMAL MANAGEMENT SYSTEMS AND METHODS FOR ELECTRONIC COMPONENTS IN A SEALED ENCLOSURE	US08/63233	5/9/08		
100.0834		WO	CLAMSHELL CHASSIS ASSEMBLY	US08/58435	3/27/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0840		WO	MODULARIZED RADIO FREQUENCY BAND COMPONENTS ON REMOVABLE DOORS	PCT/US2008/058438	3/27/08		
100.0846		WO	METHOD AND SYSTEM FOR ENHANCING THE PERFORMANCE OF WIDEBAND DIGITAL RF TRANSPORT SYSTEMS	PCT/US2008/058447	3/27/08		
100.0871		WO	SYSTEM AND METHOD FOR SELECTIVELY REJECTING FREQUENCY BANDS IN WIRELESS COMMUNICATION SYSTEMS	US08/76627	9/17/08		
100.0875		WO	MULTIPLEXING APPARATUS IN A TRANSCEIVER SYSTEM	PCT/US2008/084023	11/19/08		
100.0879		WO	SYSTEMS AND METHODS FOR DOPPLER SHIFT COMPENSATION IN OFDMA COMMUNICATIONS	US09/41720	4/25/09		
100.0894		WO	MULTIPLE-TRX PICO BASE STATION FOR PROVIDING IMPROVED WIRELESS CAPACITY AND COVERAGE IN A BUILDING	PCT/US2009/033483	2/6/09		
100.0912		WO	PACKET NETWORK MONITORING DEVICE	US97/01484	1/28/97		
100.0914		WO	METHOD AND SYSTEM FOR PERFORMING ONSITE MAINTENANCE OF WIRELESS COMMUNICATION SYSTEMS	US09/44324	5/19/09		
100.0916		WO	METHOD AND APPARATUS FOR SWITCHING IN A TDD SYSTEM	US09/48150	6/22/09		
100.0921		WO	METHOD AND APPARATUS FOR FRAME DETECTION IN A COMMUNICATIONS SYSTEM	US09/48149	6/22/09		
100.0924		WO	SYSTEM AND METHOD FOR SYNCHRONIZED TIME-DIVISION DUPLEX SIGNAL SWITCHING	US09/48147	6/22/09		
100.0925		WO	SYSTEM AND METHOD FOR CONFIGURABLE TIME-DIVISION DUPLEX INTERFACE	US09/48145	6/22/09		
100.0936		WO	Communication system having a community wireless local area network for voice and high speed data communication	US03/02284	1/24/03		
100.0937		WO	Distribution of radio-frequency signals through low bandwidth infrastructures	PCT/US1997/006920	4/18/97		
100.0939		WO	Adaptive capacity management in a centralized basestation architecture	PCT/US2001/006369	2/28/01		
100.0941		WO	TRANSPORT OF SIGNALS OVER AN OPTICAL FIBER USING ANALOG RF MULTIPLEXING	PCT/US2003/017948	6/5/03		
100.0942		WO	DETERMINING MOBILE LOCATION WITH TAGGED SIGNALS FROM A DISTRIBUTED ANTENNA SYSTEM	PCT/US2004/013134	4/27/04		
100.0944		WO	Centralized channel selection in a distributed RF antenna system	PCT/US1998/006978	4/7/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0947		WO	Method and system providing increased antenna functionality in a RF distribution system	PCT/US1998/006979	4/7/98		
100.0948		WO	System and method for distributing wireless communication signals over metropolitan telecommunication networks	PCT/US2003/032781	10/14/03		
100.0949		WO	A CELLULAR COMMUNICATIONS SYSTEM WITH CENTRALIZED CAPACITY RESOURCES USING DWDM FIBER OPTIC BACKBONE	PCT/US2001/006354	2/28/01		
100.0950		WO	Dynamic sectorization in a CDMA cellular system employing centralized base-station architecture	PCT/US2001/006368	2/28/01		
100.0953		WO	System for and method of for providing dedicated capacity in a cellular network	PCT/US07/015452	7/3/07		
100.0954		WO	DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM AND METHODS OF IMPLEMENTING THEREOF	PCT/US2007/018249	8/7/07		
100.0955		WO	SYSTEM AND METHOD OF PROVIDING REMOTE COVERAGE AREA FOR WIRELESS COMMUNICATIONS	PCT/US2007/023519	11/8/07		
100.0956		WO	LOCALIZATION OF A MOBILE DEVICE IN DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM	PCT/US2007/023483	11/8/07		
100.0957		WO	SYSTEM FOR AND METHOD OF CONFIGURING DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM	US2007/023518	11/8/07		
100.0958		WO	DISTRIBUTED ANTENNA COMMUNICATIONS SYSTEM	PCT/US2007/023494	11/8/07		
100.0960		WO	Measurement-based method of optimizing the placement of antennas in a RF distribution system	PCT/US1997/006878	4/18/97		
100.0961		WO	Multiple antenna cellular network	US96/17908	11/13/96		
100.0962		WO	Wireless private branch exchange	US99/00845	1/14/99		
100.0968		WO	Self-contained masthead units for cellular communication networks	US98/22189	10/21/98		
100.0969		WO	Frequency agile transceiver with multiple frequency synthesizers per transceiver	US96/05945	4/29/96		
100.0970		WO	Spread spectrum communication network signal processor	US96/05944	4/29/96		
100.0972		WO	Cellular base station with intelligent call routing	US96/05943	4/29/96		
100.0973		WO	CELLULAR NETWORK COMMUNICATION SYSTEM	US99/20279	9/3/99		
100.0974		WO	Method and apparatus for providing intelligent cellular handoff	US98/01759	1/29/98		
100.0975		WO	ENVIRONMENTALLY-HARDENED ATM NETWORK	PCT/US2002/002283	1/25/02		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.0976		WO	Cellular private branch exchanges	US96/06291	5/3/96		
100.0977		WO	Configuration-independent methods and apparatus for software communication in a cellular network	US96/06306	5/3/96		
100.0978		WO	HYBRID CELLULAR COMMUNICATION APPARATUS AND METHOD	US96/06290	5/3/96		
100.0979		WO	Cellular Adjunct To A Public Wired Network	US96/06299	5/3/96		
100.0981		WO	Terminal device emulator	PCT/US2003/008501	3/18/03		
100.0982		WO	METHODS AND APPARATUSES FOR AN INTELLIGENT SWITCH	US96/06314	5/3/96		
100.0983		WO	Private multiplexing cellular network	PCT/US97/15213	8/27/97		
100.0984		WO	Wireless co-tenant base station	US99/00844	1/14/99		
100.0986		WO	Methods and apparatus for improved base station transceivers	US98/16984	8/17/98		
100.0987		WO	Tower top cellular communication devices and method for operating the same	US02/27445	8/27/02		
100.0995		WO	Wireless network having a virtual HLR and method of operating the same	US03/07071	3/7/03		
100.0996		WO	Distributed cellular network communication system	US01/26717	8/23/01		
100.0997		WO	Method and apparatus for receive channel noise suppression	US01/26265	8/22/01		
100.1002		WO	GPRS WIRELESS NETWORK HAVING LOCAL SWITCHING CAPABILITIES AND METHOD OF OPERATING THE SAME	PCT/US2003/004585	2/13/03		
100.1008		WO	METHOD AND APPARATUS FOR INCREASED QoS AND REDUCED INTERFERENCE IN MESH ARCHITECTURE RADIO TELECOMMUNICATIONS SYSTEMS	PCT/US2003/024328	8/1/03		
100.1010		WO	ENVIRONMENTALLY-HARDENED REMOTE DSLAM	PCT/US2002/002282	1/25/02		
100.1011		WO	ALTERNATE FAULT NOTIFICATION SYSTEM IN A COMMUNICATION NETWORK	PCT/US2001/026255	8/22/01		
100.1019		WO	Intelligent private 3G network and method of operating the same	US02/35842	11/6/02		
100.1020		WO	Method and apparatus for providing communication between a PBX terminal and a public wireless network via a private wireless network	US02/35247	11/1/02		
100.1054		WO	MODE AND FREQUENCY STABILIZATION	SE01/00478	3/7/01		
100.1057		WO	A METHOD OF WAVELENGTH LOCKING AND MODE MONITORING A TUNABLE LASER	SE00/00293	2/15/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1058		WO	A METHOD AND ARRANGEMENT FOR CONTROLLING A TUNEABLE LASER	SE00/01320	6/21/00		
100.1060		WO	METHOD AND DEVICE FOR TUNING THE WAVELENGTH OF AN OPTOELECTRONIC COMPONENT ARRANGEMENT	EP98/06911	10/21/98		
100.1061		WO	A METHOD OF COMPENSATING FOR LOSSES IN A TUNEABLE LASER FILTER, AND A FILTER OF SUCH KIND	IB02/00535	2/21/02		
100.1066		WO	RANGE EXTENSION FOR TIME DIVISION DUPLEX SYSTEMS	PCT/US10/25995	3/3/10		
100.1071		WO	METHOD AND APPARATUS FOR DETERMINING AN END OF A SUBFRAME IN A TDD SYSTEM	PCT/US09/54104	8/18/09		
100.1072		WO	CLOCK PRIORITY CHAIN LEVEL SYSTEMS AND METHODS	PCT/US09/66234	12/1/09		
100.1075		WO	SYSTEMS AND METHODS FOR MOBILE PHONE LOCATION WITH DIGITAL DISTRIBUTED ANTENNA SYSTEMS	PCT/US10/20588	1/11/10		
100.1077		WO	MULTIPLE UP/DOWN CONVERTERS-CHANNELIZED MULTIPLE UP/DOWN PATHS IN A DIGITAL-ANALOG RADIO TRANSCEIVER	US10/20842	1/13/10		
100.1078		WO	METHOD AND SYSTEM FOR DIGITALLY EQUALIZING A SIGNAL IN A DISTRIBUTED ANTENNA SYSTEM	PCT/US09/68978	12/21/09		
100.1086		WO	COMPLEX OPTICAL MODULATION FOR REAL TIME COMMUNICATION	PCT/US09/66231	12/1/09		
100.1095		WO	METHOD OF INSERTING CDMA BEACON PILOTS IN OUTPUT OF DISTRIBUTED REMOTE ANTENNA NODES	PCT/US2010/035187	5/18/10		
100.1107		WO	SYSTEM AND METHOD TO DETERMINE DATA THROUGHPUT IN A COMMUNICATION NETWORK	US00/27786	10/6/00		
100.1108		WO	METHOD AND SYSTEM FOR PERFORMING TIME DOMAIN REFLECTOMETRY CONTEMPORANEOUSLY WITH RECURRENT TRANSMISSIONS ON COMPUTER NETWORK	US00/27233	10/3/00		
100.1110		WO	METHOD AND SYSTEM FOR CHARACTERIZING TERMINATIONS IN A LOCAL AREA NETWORK	US97/12441	7/9/97		
100.1111		WO	COMPUTER NETWORK CROSS-CONNECT PANEL PROVIDING PHYSICAL LAYER MONITORING AND METHOD THEREFOR	US97/19405	10/28/97		
100.1112		WO	COMPUTER NETWORK PHYSICAL-LAYER ANALYSIS METHOD AND SYSTEM	US99/31171	12/29/99		
100.1113		WO	SINGLE ENDED ATTENUATION MEASUREMENT	US01/22068	7/13/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1115		WO	AGGREGATION OF PHYSICAL LAYER INFORMATION RELATED TO A NETWORK	PCT/US2010/024181	2/12/10		
100.1117		WO	AN ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND INTERNET PROTOCOL BACKHAUL	PCT/US2009/033484	2/6/09		
100.1118		WO	AN ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND SUPPORTING MULTIPLE-DEVICE RING FOR INCOMING CALLS	PCT/US2009/033485	2/6/09		
100.1119		WO	AN ENTERPRISE MOBILE NETWORK FOR PROVIDING CELLULAR WIRELESS SERVICE USING LICENSED RADIO FREQUENCY SPECTRUM AND THE SESSION INITIATION PROTOCOL	PCT/US2009/033486	2/6/09		
100.1141		WO	DISTRIBUTED DIGITAL REFERENCE CLOCK	PCT/US2011/045495	7/27/11		
100.1144		WO	SWITCH-STATE INFORMATION AGGREGATION	PCT/US2011/039915	6/10/11		
100.1145		WO	AUTOMATIC GAIN CONTROL CONFIGURATION FOR A WIDEBAND DISTRIBUTED ANTENNA SYSTEM	PCT/US11/28590	3/16/11		
100.1147		WO	Method for Synchronizing the Wavelengths of an Arrangement of Optoelectronic Components	EP98/07253	11/12/98		
100.1148		WO	TUNABLE ELECTRO-ABSORPTION MODULATOR AND TUNABLE LASER	IB02/02803	7/15/02		
100.1149		WO	A METHOD OF IMPROVING SELECTIVITY IN A TUNABLE WAVEGUIDE FILTER	IB02/00536	2/21/02		
100.1150		WO	Wavelength tunable Optoelectronic Apparatus	DE98/00225	1/26/98		
100.1152		WO	Generator for Producing a High Frequency, Low Noise Signal	DE97/01054	5/23/97		
100.1153		WO	DISTRIBUTED ANTENNA SYSTEM (DAS) WITH DELAYED TRANSPORT TO PAIRED ANTENNAS	US2010/023601	2/9/10		
100.1157		WO	Photon Detector and Method of Manufacturing	EP97/02576	5/21/97		
100.1161		WO	INTER-NETWORKING DEVICES FOR USE WITH PHYSICAL LAYER INFORMATION	PCT/US2010/024184	2/12/10		
100.1162		WO	NETWORK MANAGEMENT SYSTEMS FOR USE WITH PHYSICAL LAYER INFORMATION	PCT/US2010/024186	2/12/10		
100.1163		WO	MANAGED CONNECTIVITY DEVICES, SYSTEMS, AND METHODS	PCT/US2010/024188	2/12/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1169		WO	DISTRIBUTED ANTENNA SYSTEM WITH COMBINATION OF DIGITAL TRANSPORT TO REMOTE UNITS AND HYBRID DIGITAL AND ANALOG TRANSPORT (AKA BI-HYBRID)	PCT/US2011/057575	10/25/11		
100.1172		WO	SYSTEMS AND METHODS FOR DISTRIBUTED ANTENNA SYSTEM REVERSE PATH SUMMATION USING SIGNAL-TO-NOISE RATIO OPTIMIZATION	PCT/US2011/040252	6/14/11		
100.1174		WO	DISTRIBUTED ANTENNA SYSTEM USING TIME DIVISION DUPLEXING SCHEME	PCT/US2012/061565	10/24/12		
100.1176		WO	DOUBLE-BUFFER INSERTION COUNT STORED IN A DEVICE ATTACHED TO A PHYSICAL LAYER MEDIUM	PCT/US2012/030067	3/22/12		
100.1177		WO	DYNAMICALLY DETECTING A DEFECTIVE CONNECTOR AT A PORT	PCT/US2012/030065	3/22/12		
100.1178		WO	IDENTIFIER ENCODING SCHEME FOR USE WITH MULTI-PATH CONNECTORS	PCT/US2012/030064	3/22/12		
100.1179		WO	SYSTEMS AND METHODS FOR UTILIZING VARIABLE LENGTH DATA FIELD STORAGE SCHEMES ON PHYSICAL COMMUNICATION MEDIA SEGMENTS	PCT/US2012/030063	3/22/12		
100.1181		WO	EVENT-MONITORING IN A SYSTEM FOR AUTOMATICALLY OBTAINING AND MANAGING PHYSICAL LAYER INFORMATION USING A RELIABLE PACKET-BASED COMMUNICATION PROTOCOL	PCT/US2012/030062	3/22/12		
100.1186		WO	END-TO-END DELAY MANAGEMENT FOR DISTRIBUTED COMMUNICATIONS NETWORKS	PCT/US2012/042237	6/13/12		
100.1194		WO	INTEGRATION OF INFORMATION RELATING TO WIRELESS COMPONENTS, DEVICES, SYSTEMS, AND/OR NETWORKS WITH PHYSICAL LAYER INFORMATION RELATING TO WIRED COMMUNICATION MEDIA, COMPONENTS, DEVICES, SYSTEMS, AND/OR NETWORKS	PCT/US2012/041598	6/8/12		
100.1195		WO	ANTENNA MODULE HAVING INTEGRATED RADIO FREQUENCY CIRCUITRY	PCT/US2012/041630	6/8/12		
100.1196		WO	DISTRIBUTED ANTENNA SYSTEM ARCHITECTURES	PCT/US2012/042148	6/13/12		
100.1197		WO	EVOLVED DISTRIBUTED ANTENNA SYSTEM	PCT/US2012/044916	6/29/12		
100.1202		WO	SYSTEMS AND METHODS FOR LOCATION DETERMINATION				
100.1203		WO	SYSTEMS AND METHODS FOR USING ACTIVE OPTICAL CABLE SEGMENTS	PCT/US2012/068395	12/7/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1204		WO	SECURE PHYSICAL LAYER MANAGEMENT	PCT/US2013/049833	7/10/13		
100.1205		WO	PHYSICAL LAYER MANAGEMENT AT A WALL PLATE DEVICE	PCT/US2013/049832	7/10/13		
100.1207		WO	INTELLIGENT FIBER CABLE MANAGEMENT USER APPLICATION	PCT/US2012/066366	11/21/12		
100.1209		WO	SYSTEMS AND METHODS FOR A SELF-OPTIMIZING DISTRIBUTED ANTENNA SYSTEM	PCT/US2013/049535	7/8/13		
100.1217		WO	DISTRIBUTED ANTENNA SYSTEM WITH UPLINK BANDWIDTH FOR SIGNAL ANALYSIS	PCT/US2013/070673	11/19/13		
100.1223		WO	TIMING ADJUSTMENTS FOR SMALL CELL DISTRIBUTED ANTENNA SYSTEMS	PCT/US2013/025704	2/12/13		
100.1239		WO	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE	PCT/US2013/047462	6/25/13		
100.1242		WO	DISTRIBUTED ANTENNA SYSTEM WITH MANAGED CONNECTIVITY	PCT/US2013/050008	7/11/13		
100.1243		WO	HETEROGENEOUS PHYSICAL LAYER MANAGEMENT SYSTEM	PCT/US2013/050067	7/11/13		
100.1245		WO	ACTIVE INTEGRATION PANEL	PCT/US2013/050786	7/17/13		
100.1248		WO	INTEGRATED ANALOG AND DIGITAL DISTRIBUTED ANTENNA SYSTEM (DAS) UTILIZING AN ALL FIBER OPTIC NETWORK	PCT/US15/33342	5/29/15		
100.1249		WO	FLEXIBLE, RECONFIGURABLE MULTIPOINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT ARCHITECTURE	PCT/US2013/071960	11/26/13		
100.1249		WO	FLEXIBLE, RECONFIGURABLE MULTIPOINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT ARCHITECTURE	PCT/US2013/071960	11/26/13		
100.1250		WO	TIMESLOT MAPPING AND/OR AGGREGATION ELEMENT FOR DIGITAL RADIO FREQUENCY TRANSPORT ARCHITECTURE	PCT/US2013/071967	11/26/13		
100.1250		WO	TIMESLOT MAPPING AND/OR AGGREGATION ELEMENT FOR DIGITAL RADIO FREQUENCY TRANSPORT ARCHITECTURE	PCT/US2013/071967	11/26/13		
100.1251		WO	FORWARD-PATH DIGITAL SUMMATION IN DIGITAL RADIO FREQUENCY TRANSPORT	PCT/US2013/071977	11/26/13		
100.1251		WO	FORWARD-PATH DIGITAL SUMMATION IN DIGITAL RADIO FREQUENCY TRANSPORT	PCT/US2013/071977	11/26/13		
100.1254		WO	ENHANCED ROUTE TRACING	PCT/US2014/036310	5/1/14		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1256		WO	MASTER REFERENCE FOR MULTIPLE BASE BAND UNITS SOURCED FROM UNIVERSAL REMOTE RADIO HEAD	PCT/US2014/017643	2/21/14		
100.1256		WO	MASTER REFERENCE FOR MULTIPLE BASE BAND UNITS SOURCED FROM UNIVERSAL REMOTE RADIO HEAD	PCT/US2014/017643	2/21/14		
100.1257		WO	UNIVERSAL REMOTE RADIO HEAD	PCT/US2014/017648	2/21/14		
100.1257		WO	UNIVERSAL REMOTE RADIO HEAD	PCT/US2014/017648	2/21/14		
100.1259		WO	DIGITAL DISTRIBUTED ANTENNA SYSTEMS AND METHODS FOR ADVANCED CELLULAR COMMUNICATION PROTOCOLS				
100.1260		WO	SYSTEMS AND METHODS FOR ASSOCIATING LOCATION INFORMATION WITH A COMMUNICATION SUB-ASSEMBLY HOUSED WITHIN A COMMUNICATION ASSEMBLY	PCT/US2013/077532	12/23/13		
100.1270		WO	SYSTEMS AND METHODS FOR DETECTING COMPONENT ROTATION WITHIN A COMMUNICATION ASSEMBLY	PCT/US14/47910	7/23/14		
100.1274		WO	ANTENNA DETECTION WITH NON-VOLATILE MEMORY POWERED BY DC OVER COAXIAL CABLE	PCT/US2014/052064	8/21/14		
100.1280		WO	PLUGGABLE ACTIVE OPTICAL MODULE WITH MANAGED CONNECTIVITY SUPPORT AND SIMULATED MEMORY TABLE	PCT/US2014/056938	9/23/14		
100.1281		WO	PHYSICAL LAYER MANAGEMENT SYSTEM WITH SUPPORT FOR MULTIPLE ACTIVE WORK ORDERS AND/OR MULTIPLE ACTIVE TECHNICIANS	PCT/US14/54042	9/4/14		
100.1281		WO	PHYSICAL LAYER MANAGEMENT SYSTEM WITH SUPPORT FOR MULTIPLE ACTIVE WORK ORDERS AND/OR MULTIPLE ACTIVE TECHNICIANS	PCT/US2014/054042	9/4/14		
100.1283		WO	SYSTEMS AND METHODS FOR DELAY MANAGEMENT IN DISTRIBUTED ANTENNA SYSTEM WITH DIRECT DIGITAL INTERFACE TO BASE STATION	PCT/US14/59369	10/6/14		
100.1283		WO	SYSTEMS AND METHODS FOR DELAY MANAGEMENT IN DISTRIBUTED ANTENNA SYSTEM WITH DIRECT DIGITAL INTERFACE TO BASE STATION	PCT/US2014/059369	10/6/14		
100.1284		WO	SYSTEMS AND METHODS FOR NOISE FLOOR OPTIMIZATION IN DISTRIBUTED ANTENNA SYSTEM WITH DIRECT DIGITAL INTERFACE TO BASE STATION	PCT/US14/59371	10/6/14		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
100.1284		WO	SYSTEMS AND METHODS FOR NOISE FLOOR OPTIMIZATION IN DISTRIBUTED ANTENNA SYSTEM WITH DIRECT DIGITAL INTERFACE TO BASE STATION	PCT/US2014/059371	10/6/14		
100.1285		WO	SYSTEMS AND METHODS FOR INTEGRATING ASYNCHRONOUS SIGNALS IN DISTRIBUTED ANTENNA SYSTEM WITH DIRECT DIGITAL INTERFACE TO BASE STATION	PCT/US14/59372	10/6/14		
100.1285		WO	SYSTEMS AND METHODS FOR INTEGRATING ASYNCHRONOUS SIGNALS IN DISTRIBUTED ANTENNA SYSTEM WITH DIRECT DIGITAL INTERFACE TO BASE STATION	PCT/US2014/059372	10/6/14		
100.1292		WO	SYSTEMS AND METHODS FOR CAPACITY MANAGEMENT FOR A DISTRIBUTED ANTENNA SYSTEM	PCT/US/14/68385	12/3/14		
100.1300		WO	DISTRIBUTED ANTENNA SYSTEM WITH ADAPTIVE ALLOCATION BETWEEN DIGITIZED RF DATA AND IP FORMATTED DATA	PCT/US15/43010	7/30/15		
100.1302		WO	DISTRIBUTED ANTENNA SYSTEM TO TRANSPORT FIRST CELLULAR RF BAND CONCURRENTLY WITH ETHERNET OR SECOND CELLULAR RF BAND	PCT/US2015/043012	7/30/15		
100.1304		WO	REDUCTION OF BIT RATE TRANSPORTED THROUGH DISTRIBUTED ANTENNA SYSTEMS	PCT/US2015/035364	6/11/15		
100.1308		WO	CONNECTORS WITH INSERTION COUNTERS	PCT/US15/25578	4/13/15		
100.132		WO	BITRATE EFFICIENT TRANSPORT THROUGH DISTRIBUTED ANTENNA SYSTEMS	PCT/US2015/035380	6/11/15		
482.0007		WO	MODULAR ANTENNA DRIVER INCLUDING REMOVABLE MODULES EACH CHARACTERISTIC OF A HANDSET TYPE	US94/13610	11/28/92		
500.0630		WO	TUNABLE FILTER WITH Q-MULTIPLICATION	US97/18432	10/15/97		
500.0806		WO	THREE CAVITY STABILIZED LASER SYSTEM	US02/29283	9/16/02		
500.0814		WO	BALANCE MANAGEMENT FOR PREPAID SERVICES	US02/30024	9/20/02		
500.0819		WO	REAL-TIME RESERVATION OF CHARGES FOR PRE-PAID SERVICES	US02/29778	9/19/02		
500.0822		WO	VISUAL DATA INTEGRATION SYSTEM AND METHOD	US99/08244	4/15/99		
966.0049		WO	METHOD AND APPARATUS FOR CONNECTING TERMINAL EQUIPMENT TO A RING NETWORK VIA OPTICAL FIBERS	US90/05875	10/12/90		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
1010.2683		WO	Optoelectronic Component	EP98/01080	2/26/98		
1010.8071		WO	BIREFRINGENT INTERLEAVER FOR WDM FIBER OPTIC COMMUNICATIONS	US01/51097	10/23/01		
1010.8074		WO	METHOD AND APPARATUS FOR ADJUSTING AN OPTICAL ELEMENT TO ACHIEVE A PRECISE LENGTH	US01/51095	10/23/01		
1010.8075		WO	METHOD AND APPARATUS FOR THERMALLY COMPENSATING A BIREFINGENT OPTICAL ELEMENT	US01/51107	10/23/01		
1010.8083		WO	APPARATUS AND METHOD FOR CONTROLLING THE OPERATING WAVELENGTH OF A LASER DIODE	US02/17299	5/30/02		
2316.0360		WO	ELECTROFORMED MASK AND USE THEREFORE	US92/05904	7/15/92		
2316.0372		WO	MINIATURE COAX JACK MODULE	US92/05880	7/14/92		
2316.0381		WO	OVERLAPPING FUSION ATTENUATOR	US92/07247	8/27/92		
2316.0383		WO	FIBER OPTIC CONNECTOR	US92/07413	9/2/92		
2316.0385		WO	OPTICAL FIBER RETENTION MECHANISM FOR SECURING OPTICAL FIBER CABLE	US92/07273	8/27/92		
2316.0393		WO	VARIABLE FIBER OPTICAL ATTENUATOR	US92/07342	8/28/92		
2316.0415		WO	FIBER OPTIC CONNECTOR RETAINER	US93/003227	4/6/93		
2316.0423		WO	THYRISTOR FAIL-SAFE DEVICE	US93/01769	3/1/93		
2316.0433		WO	JACK MODULE ASSEMBLY	US93/09403	10/4/93		
2316.0443		WO	FIXTURE FOR TERMINATING MINIATURE COAXIAL CABLE	US93/12605	12/28/93		
2316.0454		WO	REAR CROSS-CONNECT DSX SYSTEM	US94/02912	3/17/94		
2316.0458		WO	PATCH CORD	US94/00252	1/7/94		
2316.0488		WO	HIGH-DENSITY FIBER DISTRIBUTION FRAME	US94/13138	11/16/94		
2316.0498		WO	JACK MODULE	US94/05866	5/24/94		
2316.0570		WO	POWER TAKEOFF INDUCTOR	US96/02850	2/29/96		
2316.0576		WO	SWITCHING COAX JACK WITH AMPLIFIED MONITOR	US96/06611	5/9/96		
2316.0580		WO	NON-INVASIVE TESTING OF VIDEO SIGNALS WITH A JACK MODULE AND AMPLIFICATION CIRCUIT	US96/07431	5/22/96		
2316.0690		WO	DOUBLE FERRULE SC CONNECTOR AND ADAPTER	US97/17164	9/24/97		
2316.0691		WO	SWITCHING COAX JACK DEVICE	US98/05767	3/23/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0706		WO	AMPLIFIER SWITCH CONTROLLER AND SYSTEM	US97/22745	12/9/97		
2316.0709		WO	RF CIRCUIT MODULE	US97/22556	12/8/97		
2316.0741		WO	OPTICAL FIBER FERRULE	US98/00764	1/15/97		
2316.0753		WO	DSX MODULE WITH REMOVABLE JACK	US98/03503	2/23/98		
2316.0777		WO	COAXIAL SWITCHING JACK WITH SLIDING CENTER CONDUCTOR	US98/05744	3/23/98		
2316.0786		WO	FIBER CONNECTOR AND ADAPTER	US98/09820	5/14/98		
2316.0786		WO	FIBER CONNECTOR AND ADAPTER	US99/20120	9/1/99		
2316.0820		WO	MULTIPLE-LINE PROTECTION FOR TELECOMMUNICATIONS NETWORK	US98/14924	7/22/98		
2316.0824		WO	JACK MODULE	US98/24499	11/17/98		
2316.0891		WO	REPAIRABLE CONNECTOR AND METHOD	US99/00069	1/5/99		
2316.0926		WO	OUTSIDE PLANT FIBER DISTRIBUTION APPARATUS AND METHOD	US99/16938	7/26/99		
2316.0942		WO	TELECOMMUNICATIONS PATCH PANEL WITH ANGLED CONNECTOR MODULES	US99/11120	5/20/99		
2316.0951		WO	FIBER OPTIC ADAPTER, INCLUDING HYBRID CONNECTOR SYSTEM	US99/26598	11/10/99		
2316.0960		WO	FIBER OPTIC MODULE	US99/15840	7/14/99		
2316.0974		WO	FIBER OPTIC CABINET AND TRAY	US99/19464	8/25/99		
2316.0988		WO	JACK ASSEMBLY	US99/26271	11/5/99		
2316.1009		WO	DSX MODULE WITH REMOVABLE JACK	US00/08672	3/31/00		
2316.1010		WO	MICROELECTROMECHANICAL OPTICAL SWITCH AND METHOD OF MANUFACTURE THEREOF	US00/40532	8/1/00		
2316.1016		WO	CABLE MANAGEMENT RACK FOR TELECOMMUNICATION CROSS-CONNECT SYSTEMS	US00/13803	5/19/00		
2316.1017		WO	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	US00/03441	2/10/00		
2316.1017		WO	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	US01/05083	2/16/01		
2316.1020		WO	METHOD OF ETCHING A WAFER LAYER USING MULTIPLE LAYERS OF THE SAME PHOTORESISTANT MATERIAL AND STRUCTURE FORMED THEREBY	US00/40531	8/1/00		
2316.1021		WO	METHOD OF ETCHING A WAFER LAYER USING A SACRIFICIAL WALL AND STRUCTURE FORMED THEREBY	US00/40533	8/1/00		
2316.1051		WO	HIGH DENSITY PATCHING SYSTEM	US00/09631	4/11/00		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1060		WO	A/B SWITCH APPARATUS FOR SIGNAL RECOVERY IN CATV NETWORKS USING A REDUNDANT LINK	US00/10796	4/21/00		
2316.1063		WO	CABLE GUIDING TROUGH	US00/40529	8/1/00		
2316.1067		WO	TELECOMMUNICATIONS CONNECTOR FOR HIGH FREQUENCY TRANSMISSIONS	US00/21804	8/10/00		
2316.1107		WO	JACK INCLUDING CROSSTALK COMPENSATION FOR PRINTED CIRCUIT BOARD.	US00/21597	8/8/00		
2316.1139		WO	GROOMING OF MULTI-CONDUCTOR CONNECTORS AT A MAIN DISTRIBUTION FRAME	US00/33759	12/13/00		
2316.1142		WO	FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	US00/42763	12/12/00		
2316.1149		WO	MONITORED REDUNDANT SWITCH APPARATUS AND METHOD	US00/33096	12/6/00		
2316.1150		WO	CONNECTOR PLUG AND INSERT FOR TWISTED PAIR CABLES	US00/42627	12/6/00		
2316.1171		WO	POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS	US01/08127	3/14/01		
2316.1172		WO	POWER DISTRIBUTION PANEL WITH HEAT SINK	US01/07401	3/8/01		
2316.1174		WO	DSX ILLUMINATOR	US01/07625	3/9/01		
2316.1175		WO	SPLITTER ARCHITECTURE FOR A TELECOMMUNICATIONS SYSTEM	US01/11494	4/9/01		
2316.1177		WO	UPGRADEABLE MEDIA WALL CONVERTER AND HOUSING	US01/41477	7/30/01		
2316.1178		WO	FIBER DISTRIBUTION FRAME WITH FIBER TERMINATION BLOCKS	US01/07934	3/12/01		
2316.1180		WO	DESIGN AND ESTIMATING TOOLS FOR THE DESIGN OF TELECOMMUNICATIONS INFRASTRUCTURE IN A STRUCTURE	US01/06441	2/28/01		
2316.1196		WO	TELESCOPING TROUGH	US01/17149	5/25/01		
2316.1220		WO	CABLE TROUGH WITH SEPARATE SIDE ELEMENTS	US01/30029	9/25/01		
2316.1223		WO	CIRCUIT ASSEMBLY FOR MONITORING PORT ACTIVITY AND INTEGRITY OF A MULTIPORT MEDIA CONVERTER	US01/41470	7/30/01		
2316.1227		WO	FIBER PROTECTION SYSTEM AND METHOD INCLUDING BLOCKING KIT	US01/19356	6/14/01		
2316.1229		WO	LOW PROFILE TELECOMMUNICATIONS JACK WITH LAMP SWITCH	US01/46251	10/30/01		
2316.1231		WO	METHOD AND SYSTEM FOR MDI CROSSOVER CONTROL	US01/24026	7/31/01		
2316.1243		WO	TESTING BOX FOR A TELECOMMUNICATIONS SYSTEM	US01/28625	9/14/01		
2316.1247		WO	TUNABLE FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	US01/48708	12/14/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1248		WO	OPTICAL CABLE TROUGHS, FITTINGS, AND COUPLINGS	US01/30987	10/3/01		
2316.1250		WO	CABLE EXIT TROUGH WITH INSERT	US01/31022	10/4/01		
2316.1251		WO	OPTICAL CABLE EXIT TROUGH WITH COVER	US01/31021	10/4/01		
2316.1252		WO	CABLE STORAGE CARTRIDGE	US01/29545	9/20/01		
2316.1255		WO	METHOD AND APPARATUS FOR DISTRIBUTION OF POWER IN A MEDIA CONVERTER SYSTEM	US01/24006	7/31/01		
2316.1260		WO	ELECTRONIC SIGNAL TRANSMISSION AND SWITCHING JACK	US02/09932	3/28/02		
2316.1271		WO	MEMS OPTICAL SWITCH INCLUDING TAPERED FIBER WITH HEMISPHERIC LENS	US02/00830	1/7/02		
2316.1272		WO	MEMS OPTICAL SWITCH ON A SINGLE CHIP AND METHOD	US02/01215	1/14/02		
2316.1281		WO	CABLE CONNECTOR RETAINER FOR ANGLED CABLE ASSEMBLY	US01/31068	10/4/01		
2316.1288		WO	INTERCONNECT MODULE	US02/25014	8/6/02		
2316.1289		WO	LOW PROFILE CABLE EXIT TROUGH	US01/51083	10/29/01		
2316.1290		WO	MODULAR CABLE MANAGEMENT TROUGH SECTION	US01/31692	10/9/01		
2316.1296		WO	ACCESS PANEL FOR NETWORK END LINESHARING ADSL/POTS SPLITTER APPLICATIONS	US01/50122	10/29/01		
2316.1344		WO	MEMS OPTICAL BALANCED PATH SWITCH	US02/05311	2/19/02		
2316.1348		WO	TELECOMMUNICATIONS JACK SUBASSEMBLY	US01/46092	10/30/01		
2316.1351		WO	CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT	US01/47102	11/13/01		
2316.1361		WO	PLUG CONNECTOR FOR CABLE TELEVISION NETWORK AND METHOD OF USE	US02/03492	2/6/02		
2316.1362		WO	DIGITAL SWITCHING CROSS-CONNECT MODULE	US03/21545	7/10/03		
2316.1363		WO	DSX JACK INCLUDING CONTACT	US03/21859	7/10/03		
2316.1365		WO	TELECOMMUNICATIONS CONNECTOR	US03/21857	7/10/03		
2316.1367		WO	MONITOR NETWORK FOR A DIGITAL SWITCHING CROSS-CONNECT MODULE	US03/21543	7/10/03		
2316.1378		WO	MULTI-CIRCUIT SIGNAL TRANSFORMER	US02/01908	1/23/02		
2316.1383		WO	FIBER OPTIC ADAPTER WITH ATTENUATOR AND METHOD	US02/11647	4/10/02		
2316.1387		WO	TERMINATION AND SPLICE PANEL	US02/06843	3/5/02		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1389		WO	NORMAL THROUGH JACK AND METHOD	US02/03139	1/31/02		
2316.1397		WO	CARD EDGE COAXIAL CONNECTOR	US03/09064	3/21/03		
2316.1398		WO	SPLITTER ASSEMBLY WITH HIGH DENSITY BACKPLANE BOARD	US02/19861	6/24/02		
2316.1399		WO	METHOD FOR IMPROVED DIE RELEASE OF A SEMICONDUCTOR DEVICE FROM A WAFER	US02/10616	4/3/02		
2316.1404		WO	INPUT POWER CONNECTOR FOR DISTRIBUTION PANEL	US02/25122	8/7/02		
2316.1408		WO	CABLE GUIDE FOR FIBER TERMINATION BLOCK	US02/01593	1/18/02		
2316.1413		WO	DEVICE FOR TESTING COAXIAL CONNECTORS (LCC Tester)	US02/06166	2/27/02		
2316.1414		WO	TELECOMMUNICATIONS CHASSIS AND MODULE (DS3 E/O IOR & System)	US02/15589	5/17/02		
2316.1424		WO	BULKHEAD ADAPTER WITH OPTICAL FIBER FOR SIGNAL ATTENUATION	US02/15338	5/14/02		
2316.1428		WO	THERMAL MICRO-ACTUATOR BASED ON SELECTIVE ELECTRICAL EXCITATION	US03/11876	4/17/03		
2316.1429		WO	THERMALLY-ACTIVATED ACTUATOR	US03/13039	4/28/03		
2316.1456		WO	CABLE GUIDING FINS	US02/06098	2/27/02		
2316.1457		WO	CABLE MANAGEMENT RACK INCLUDING CHASSIS AND CONNECTOR MODULES	US02/08184	3/13/02		
2316.1458		WO	MULTIMEDIA OUTLET WITH PROTECTIVE COVER	US02/10006	3/29/02		
2316.1461		WO	HIGH CIRCUIT DENSITY POTS SPLITTER ASSEMBLY	US02/19919	6/24/02		
2316.1464		WO	CARD REINFORCING SYSTEM FOR A POTS SPLITTER CHASSIS	US02/08907	3/22/02		
2316.1465		WO	INSULATION STRIP FOR POTS SPLITTER CARD	US02/09196	3/22/02		
2316.1468		WO	CABLE MANAGEMENT SYSTEM INCLUDING VARIABLE SEGMENTS	US02/12991	4/23/02		
2316.1470		WO	ADD-ON TROUGH FOR CABLE MANAGEMENT RACK	US02/06829	3/6/02		
2316.1471		WO	VERTICAL CABLE MANAGEMENT RING WITH PIVOTABLE SECTION	US02/13208	4/26/02		
2316.1474		WO	ANGLED RJ TO RJ PATCH PANEL	US02/36481	11/13/02		
2316.1475		WO	CABLE STORAGE SPOOL	US02/06845	3/5/02		
2316.1480		WO	PACKAGE FOR A FIBER OPTIC SWITCH AND METHOD OF ASSEMBLING THE SAME	US02/05318	2/19/02		
2316.1481		WO	DSX JACK INCLUDING SLIDING REAR CONNECTOR	US02/11579	4/11/02		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1485		WO	INTERCONNECT CHASSIS AND MODULE	US02/24984	8/6/02		
2316.1486		WO	CARD EDGE CONTACT INCLUDING COMPLIANT END	US02/25015	8/6/02		
2316.1487		WO	APPARATUS AND METHOD FOR SENSING SWITCHING POSITIONS OF A MEMS OPTICAL SWITCH	US02/05309	2/19/02		
2316.1491		WO	STRAIN RELIEF BOOT OPTICAL CONNECTOR AND BOOT ASSEMBLY; AND METHODS	US02/22059	7/11/02		
2316.1492		WO	LATCHING APPARATUS FOR A MEMS OPTICAL SWITCH (ALLIGATOR)	US02/15936	5/16/02		
2316.1494		WO	TELECOMMUNICATIONS CHASSIS AND CARD (E1-High Density BOR)	US02/15935	5/16/02		
2316.1497		WO	METHOD AND APPARATUS FOR INSPECTING END SURFACES ON OPTICAL CONNECTORS	US02/20033	6/20/02		
2316.1498		WO	FIBER OPTIC CONNECTOR AND METHODS	US02/26299	8/16/02		
2316.1506		WO	CABLE MANAGEMENT BRACKET FOR A TELECOMMUNICATIONS RACK	US02/10992	4/8/02		
2316.1510		WO	COAXIAL CONNECTOR ASSEMBLY	US01/50283	12/19/01		
2316.1519		WO	JACK; JACK ASSEMBLY; AND METHODS	US02/22021	7/9/02		
2316.1522		WO	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER AND METHODS	US02/19981	6/20/02		
2316.1533		WO	GUIDE FOR FEMALE BNC CONNECTOR PART	US99/01976	1/29/99		
2316.1570		WO	JACK MODULE	US02/22060	7/11/02		
2316.1574		WO	FINGER GUARD FOR POWER DISTRIBUTION PANEL	US02/25124	8/7/02		
2316.1575		WO	POWER DISTRIBUTION BUS WITH PROTECTION AND ALARMING	US02/23158	7/19/02		
2316.1581		WO	ROTATING VERTICAL FIBER TRAY AND METHODS	US02/31849	10/3/02		
2316.1587		WO	TELECOMMUNICATIONS PATCH PANEL	US02/36478	11/13/02		
2316.1589		WO	INTERNAL POWER BUS AND POWER OUTPUT ASSEMBLY	US02/25125	8/7/02		
2316.1599		WO	FIBER TERMINATION BLOCK WITH ANGLED SLIDE	US02/35909	11/7/02		
2316.1605		WO	FRONT ACCESS DSX ASSEMBLY	US02/29475	9/16/02		
2316.1607		WO	APPARATUS AND METHOD FOR POLISHING A FIBER OPTIC CONNECTOR	US04/002135	1/26/04		
2316.1624		WO	TELECOMMUNICATIONS PATCH PANEL	US02/36480	11/13/02		
2316.1626		WO	METHOD AND SYSTEM FOR LIMITING IN RUSH CURRENT OF A POWER SUPPLY FILTER	US03/00170	1/2/03		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1631		WO	DIGITAL SWITCHING CROSS-CONNECT MODULE	PCT/US2006/037748	9/26/06		
2316.1637		WO	TRIAXIAL CONNECTOR ADAPTER AND METHOD	US03/01375	1/16/03		
2316.1638		WO	TRIAXIAL CONNECTOR INCLUDING CABLE CLAMP	US03/01374	1/16/03		
2316.1646		WO	TELECOMMUNICATIONS CONNECTOR PROTECTOR DEVICE	US04/040401	12/3/04		
2316.1663		WO	CABLE MANAGEMENT APPARATUS	US03/09066	3/21/03		
2316.1681		WO	FIBER MANAGEMENT MODULE WITH CABLE STORAGE	US03/15824	5/20/03		
2316.1685		WO	PRESS-IN PLACE LED FOR A DIGITAL SWITCHING CROSS-CONNECT MODULE	US05/021832	6/17/05		
2316.1690		WO	TELECOMMUNICATIONS CONNECTOR ADAPTED FOR BI-DIRECTIONAL INSERTION	US03/21858	7/10/03		
2316.1691		WO	SYSTEM AND METHOD OF GROUNDING FIBER STORAGE TRAYS	US2006/006027	2/22/06		
2316.1692		WO	REAR ACCESS DSX SYSTEM	US03/31997	10/8/03		
2316.1693		WO	HIGH DENSITY DSX SYSTEM	US03/31996	10/8/03		
2316.1695		WO	TERMINATION PANEL WITH FANNING STRIPS	US03/31994	10/8/03		
2316.1702		WO	CABLE MANAGEMENT ASSEMBLY, SYSTEM AND METHOD	US03/36429	11/12/03		
2316.1719		WO	HIGH DENSITY FIBER DISTRIBUTION FRAME	US03/23903	7/31/03		
2316.1722		WO	TERMINATED COAXIAL CONNECTOR	US03/15327	5/7/03		
2316.1724		WO	MEDIA WALL CONVERTER AND HOUSING	US03/22131	7/15/03		
2316.1726		WO	FIBER MANAGEMENT DRAWER AND PATCH PANEL	US03/22633	7/17/03		
2316.1733		WO	SYSTEMS AND METHODS FOR AUTOMATIC ASSIGNMENT OF IDENTIFICATION CODES AND DEVICES	US03/37970	11/25/03		
2316.1737		WO	10/100 MBS NETWORK DEVICE	US04/030855	9/21/04		
2316.1739		WO	HIGH DENSITY PATCHING SYSTEM	US03/32950	10/16/03		
2316.1744		WO	HIGH DENSITY PANEL WITH ROTATING TRAY	US03/30282	9/26/03		
2316.1747		WO	POWER DISTRIBUTION PANEL WITH MODULAR INSERTS	US03/39451	12/12/03		
2316.1754		WO	INSERTION BOX	US03/37610	11/24/03		
2316.1777		WO	COAXIAL MODULE WITH SURGE PROTECTOR	US04/005072	2/19/04		
2316.1780		WO	FIBER CONTAINMENT SYSTEM	US04/017006	5/28/04		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1785		WO	TELECOMMUNICATIONS CONNECTION CABINET	US04/019874	6/18/04		
2316.1787		WO	FIBER OPTIC CONNECTOR HOLDER AND METHOD	US04/020322	6/23/04		
2316.1789		WO	FIBEROPTIC FURCATION DEVICE WITH CRIMP	US04/019807	6/18/04		
2316.1793		WO	SLIDE ARRANGEMENT FOR CABLE DRAWER	US04/022931	7/15/04		
2316.1794		WO	RUGGEDIZED FIBER OPTIC CONNECTION	US04/029049	9/3/04		
2316.1795		WO	TRIAXIAL BULKHEAD CONNECTOR	US04/025782	8/10/04		
2316.1799		WO	COVER FOR CABLE TROUGH	US04/034087	10/13/04		
2316.1801		WO	FIBER OPTIC CABLE AND FURCATION MODULE	US2004/028479	9/1/04		
2316.1802		WO	CONNECTOR REMOVAL TOOL	US2005/012327	4/12/05		
2316.1808		WO	JACK WITH MODULAR MOUNTING SLEEVE	US04/036016	10/29/04		
2316.1811		WO	PATCH PANEL CHASSIS	US04/036758	11/3/04		
2316.1816		WO	MODULE WITH INTERCHANGEABLE CARD	US04/036766	11/3/04		
2316.1820		WO	HOLE ADAPTER FOR A PRINTED CIRCUIT BOARD	US2005/014638	4/27/05		
2316.1821		WO	HIGH DENSITY OPTICAL FIBER DISTRIBUTION FRAME WITH MODULES	US2004/040874	12/6/04		
2316.1822		WO	LONG FRAME HIGH DENSITY PATCHING SYSTEM	US2005/025819	7/20/05		
2316.1823		WO	SERVICE BLOCKER DEVICE AND METHOD	US2005/044931	12/12/05		
2316.1825		WO	PROTECTIVE BOOT AND UNIVERSAL CAP	US2005/004489	2/8/05		
2316.1826		WO	MODULAR MOUNTING SLEEVE FOR JACK	US2006/013934	4/13/06		
2316.1828		WO	NORMAL THROUGH OPTICAL PANEL	US2005/012326	4/12/05		
2316.1832		WO	WDM SYSTEMS AND METHODS (CWDM)	US2005/005968	2/25/05		
2316.1845		WO	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER AND METHODS	US2005/012287	4/11/05		
2316.1850		WO	DSX MODULE WITH PERFORMANCE MONITORING	US2005/025374	7/18/05		
2316.1851		WO	DIGITAL CROSS-CONNECT SYSTEM AND RACK ARRANGEMENT	US05/034893	9/27/05		
2316.1852		WO	HIGH DENSITY MOUNT FOR A CO-AXIAL CONNECTOR	US2005/034581	9/27/05		
2316.1855		WO	POWER SOURCING UNIT FOR POWER OVER ETHERNET SYSTEM	US2005/016197	5/9/05		
2316.1857		WO	FIBER OPTIC CABLE STRIPPER	PCT/US08/71725	7/31/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1863		WO	MULTI-POSITION FIBER OPTIC CONNECTOR HOLDER AND METHOD	US05/020940	6/13/05		
2316.1868		WO	HIGH DENSITY COAXIAL SWITCHING JACK	US2006/012893	4/7/06		
2316.1869		WO	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	US05/032326	9/9/05		
2316.1874		WO	WDM SYSTEMS AND METHODS	US05/031845	9/8/05		
2316.1888		WO	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	US2004/034034	10/14/04		
2316.1888		WO	CABLE WITH OFFSET FILLER	US2004/034073	10/14/04		
2316.1889		WO	METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS	US2005/005440	2/18/05		
2316.1891		WO	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	US2005/005435	2/18/05		
2316.1892		WO	Cable with twisting filler and shared sheath	US02/11838	4/16/02		
2316.1893		WO	High performance data cable	US99/08365	4/16/99		
2316.1894		WO	Tuned patch cable	US00/14419	5/25/00		
2316.1895		WO	Low delay skew multi-pair cable and method of manufacture	US00/14443	5/25/00		
2316.1896		WO	Optimizing lan cable performance	US00/14461	5/24/00		
2316.1897		WO	Cable assembly with molded stress relief and method for making the same	US00/14418	5/25/00		
2316.1899		WO	Modular Jack with wire management	US2004/014783	5/11/04		
2316.1905		WO	Interface device for testing a telecommunication circuit	US2004/018789	6/14/04		
2316.1906		WO	Cable with twisting filler	US99/17769	8/6/99		
2316.1911		WO	OUTSIDE PLANT FIBER OPTIC CABLE WITH THERMAL PROTECTION	US2005/039428	10/31/05		
2316.1912		WO	FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS	US2005/039827	11/2/05		
2316.1925		WO	OPTICAL FIBER SLACK STORAGE TRAY FOR DISTRIBUTION CABINET	US05/039430	10/31/05		
2316.1951		WO	CABLE MANAGEMENT ASSEMBLY, SYSTEM AND METHOD	US2006/011965	3/30/06		
2316.1954		WO	TELECOMMUNICATIONS CABLE JACKET ADAPTED FOR POST-EXTRUSION INSERTION OF OPTICAL FIBER AND METHODS FOR MANUFACTURING THE SAME	US2006/004816	2/9/06		
2316.1955		WO	LOW SHRINK TELECOMMUNICATIONS CABLE AND METHODS FOR MANUFACTURING THE SAME	PCT/US2006/001109	1/13/06		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2069		WO	LOOP PLUG	US2006/002937	1/27/06		
2316.2078		WO	CABLE MANAGEMENT BAR AND PATCH PANEL	US2006/012664	3/29/06		
2316.2079		WO	POWER SOURCING UNIT FOR POWER OVER ETHERNET SYSTEM	US2006/010158	3/20/06		
2316.2089		WO	FIBER OPTIC SPLICE TRAY	US2006/010566	3/24/06		
2316.2090		WO	DUST PLUG FOR HARDENED FIBER OPTIC CONNECTOR	US2006/011138	3/28/06		
2316.2096		WO	GROUNDING DEVICE FOR ARMORED CABLE	PCT/US2006/024115	6/21/06		
2316.2105		WO	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	US2006/012890	4/7/06		
2316.2106		WO	CONVERSION MODULE AND CHASSIS ARRANGEMENT, AND RELATED METHODS	US2006/011964	3/30/06		
2316.2107		WO	GROUNDING LUG FOR ARMORED CABLE AND METHOD	PCT/US2006/024114	6/21/06		
2316.2109		WO	FIBER OPTIC CONNECTOR HOLDER	PCT/US2006/028243	7/20/06		
2316.2113		WO	CABLE TROUGH SYSTEM AND METHOD	PCT/US2006/038648	9/29/06		
2316.2114		WO	FIBER OPTIC SPLITTER MODULE	PCT/US2006/019285	5/18/06		
2316.2115		WO	FIBER OPTIC ADAPTER MODULE	PCT/US2006/019278	5/18/06		
2316.2116		WO	FIBER OPTIC ADAPTER MODULE	PCT/US2006/027866	7/19/06		
2316.2117		WO	OUTSIDE PLANT FIBER DISTRIBUTION ENCLOSURE WITH RADIAL ARRANGEMENT	PCT/US2006/019222	5/18/06		
2316.2119		WO	UNDERGROUND ENCLOSURE MOUNTING SYSTEM	PCT/US2006/019441	5/18/06		
2316.2126		WO	SYSTEMS AND METHODS FOR LIFTING A TERMINAL ENCLOSURE IN BELOW GROUND APPLICATIONS	PCT/US2006/019286	5/18/06		
2316.2134		WO	FIBER OPTIC CABLE FOR CONNECTORIZATION AND METHOD	PCT/US2009/045441	5/28/09		
2316.2137		WO	FIBER OPTIC ADAPTER MODULES WITH IDENTIFICATION SYSTEM	PCT/US2006/029918	7/31/06		
2316.2138		WO	OPTICAL FIBER PATCH PANEL	GB89/00717	6/27/89		
2316.2139		WO	CABLE MANAGEMENT PANEL WITH REAR ENTRY	PCT/US2006/028216	7/20/06		
2316.2140		WO	SPLICE CHIP DEVICE	PCT/US2006/032857	8/22/06		
2316.2143		WO	STACKABLE SPLICE CHIP DEVICE	PCT/US2006/032859	8/22/06		
2316.2146		WO	CABINET INCLUDING OPTICAL BULHEAD PLATE FOR BLOWN FIBER	PCT/US2006/034080	8/30/06		
2316.2149		WO	OUTSIDE PLANT ENCLOSURE WITH PIVOTING FIBER TRAYS	PCT/US2006/033789	8/28/06		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2159		WO	METHODS AND SYSTEMS FOR MINIMIZING ALIEN CROSSTALK BETWEEN CONNECTORS	PCT/US2006/046059	12/1/06		
2316.2170		WO	FIBER DEMARCATION BOX WITH CABLE MANAGEMENT	PCT/US2006/037976	9/27/06		
2316.2171		WO	CRIMPED CENTER CONDUCTOR	PCT/US2006/039042	10/11/06		
2316.2172		WO	CONNECTOR INCLUDING MEDIA CONVERTER	PCT/US2006/045286	11/22/06		
2316.2178		WO	CABLE WITH TWISTED PAIR CENTERING ARRANGEMENT	PCT/US2006/048544	12/18/06		
2316.2179		WO	TELECOMMUNICATIONS JACK WITH CROSSTALK COMPENSATION PROVIDED ON A MULTI-LAYER CIRCUIT BOARD	PCT/US2007/008847	4/10/07		
2316.2274		WO	CONCENTRIC MULTI-PAIR CABLE WITH SEPARATING FILLER	PCT/US2006/042736	10/31/06		
2316.2276		WO	SPLICE TRAY ARRANGEMENT	PCT/US2006/045727	11/29/06		
2316.2290		WO	TELECOMMUNICATIONS PATCH PANEL	US2007/013233	6/5/07		
2316.2300		WO	SYSTEMS AND METHODS FOR HINGED PARKING IN FIBER DISTRIBUTION HUBS	US2006/014764	4/19/06		
2316.2302		WO	COMPACT OPTICAL SPLITTER (aka Gen 3 Splitter Module)	PCT/US2006/023304	6/15/06		
2316.2306		WO	HIGH DENSITY COAXIAL JACK	PCT/US2007/009466	4/19/07		
2316.2307		WO	HIGH DENSITY COAXIAL JACK AND PANEL	PCT/US2007/009628	4/19/07		
2316.2308		WO	CABLE CRIMP TOOL	PCT/US2006/048545	12/18/06		
2316.2312		WO	FIBER HANDLING CART FOR CABLE WITH TETHERS	US07/011,947	5/17/07		
2316.2313		WO	MODULAR POWER DISTRIBUTION SYSTEM AND METHODS	PCT/US07/01408	1/18/07		
2316.2314		WO	FIBER OPTIC SPLITTER MODULE	US2007/003035	2/6/07		
2316.2317		WO	MID-SPAN ACCESS ON OPTIC DISTRIBUTION CABLE WITH HELICAL FIBER ROUTING	US07/005,837	3/6/07		
2316.2318		WO	MID-SPAN ACCESS ON OPTIC DISTRIBUTION CABLE WITH POTTED CLOSURE	US07/005,833	3/6/07		
2316.2323		WO	FIBER ACCESS TERMINAL INCLUDING MOISTURE BARRIER PLATE	PCT/US2007/000415	1/4/07		
2316.2329		WO	Connecting Hardware with Multi-Stage Inductive and Capacitive Crosstalk Compensation	PCT/US2007/021730	10/11/07		
2316.2351		WO	COAXIAL CABLE WITH CHANNELED JACKETS	US07/005,941	3/7/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2360		WO	SYSTEMS AND METHODS FOR SECURING A TETHER TO A DISTRIBUTION CABLE	US 07/020314	9/19/07		
2316.2366		WO	CABLE MANAGER INCLUDING NESTABLE RADIUS LIMITER	US07/008156	4/2/07		
2316.2367		WO	INTELLIGENT PATCHING SYSTEM AND METHOD	PCT/US2007/006629	3/16/07		
2316.2371		WO	UNIVERSAL BRACKET FOR MOUNTING A DROP TERMINAL	PCT/US2007/008453	4/4/07		
2316.2372		WO	CABLE PAYOUT SYSTEMS AND METHODS	US2007/017136	7/31/07		
2316.2378		WO	Telecommunications Jack with Crosstalk Compensation and Arrangements for Reducing Return Loss	PCT/US2007/008846	4/10/07		
2316.2379		WO	Telecommunications Jack with Crosstalk Multi-Zone Crosstalk Compensation and Method for Designing	PCT/US2007/008843	4/10/07		
2316.2381		WO	TWISTED PAIRS CABLE WITH SHIELDING ARRANGEMENT	US2007/012903	5/31/07		
2316.2386		WO	COAXIAL SYSTEM WITH KEYING FEATURE	PCT/US2007/009618	4/19/07		
2316.2387		WO	DESIGNATION TRAY FOR TELECOMMUNICATIONS PANEL	US07/009675	4/19/07		
2316.2391		WO	RJ to RJ Swing Panel	US 07/022195	10/17/07		
2316.2392		WO	Rotatable Connector Modules with Inverted Jacks	US 07/022231	10/17/07		
2316.2393		WO	CABLE SEAL ASSEMBLY	PCT/US2008/081109	10/24/08		
2316.2396		WO	MULTI-PAIR CABLE WITH VARYING LAY LENGTH	US 07/013449	6/6/07		
2316.2397		WO	THREADED CONNECTOR AND PATCH CORD HAVING A THREADED CONNECTOR	US 07/018454	8/21/07		
2316.2398		WO	OVERVOLTAGE PROTECTION PLUG (US)	PCT/US2008/054747	2/22/08		
2316.2403		WO	SYSTEM WITH SNAP-FIT PANEL	PCT/IB2007/003694	6/22/07		
2316.2404		WO	LATCH AND HANDLE ARRANGEMENT FOR A TELECOMMUNICATIONS PANEL	PCT/IB2007/004372	6/22/07		
2316.2405		WO	BUILT-IN SLIDE AND TILT MECHANISM FOR A TELECOMMUNICATIONS PANEL	PCT/IB2007/003661	6/22/07		
2316.2406		WO	MOUNTING ARRANGEMENT FOR A STANDARD TELECOMMUNICATIONS PANEL	PCT/IB2007/003663	6/22/07		
2316.2407		WO	CABLE CLAMP	IB 07/003708	6/22/07		
2316.2408		WO	CABLE ROUTING DEVICES WITH INTEGRATED COUPLERS	US 07/013669	6/11/07		
2316.2418		WO	POLYETHYLENE TO POLYURETHANE ADHESION PROCESS	PCT/US2008/050556	1/9/08		
2316.2419		WO	Factory Spliced Cable Assembly	PCT/US2009/051199	7/21/09		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2419		WO	Factory Spliced Cable Assembly Using Central Loose Tube Ribbon Cable	US07/017819	8/10/07		
2316.2421		WO	ACTIVE SIGNAL CROSS-CONNECT SYSTEM	US07/019213	8/31/07		
2316.2434		WO	FUSE AND BREAKER ALARM DEVICE AND METHOD USING A FINITE STATE MACHINE	PCT/US2007/022500	10/24/07		
2316.2436		WO	FIBER DISTRIBUTION HUB WITH DUAL SWING FRAMES	US 07/021127	10/1/07		
2316.2442		WO	FIBER ACCESS TERMINAL INCLUDING MOISTURE BARRIER PLATE WITH PUNCH OUT	US 07/021528	10/9/07		
2316.2443		WO	Staggered Plastic Patch Panel with Upgrade features for conversion to Physical Layer Management	PCT/US2007/021740	10/10/07		
2316.2454		WO	Drop Terminal with Anchor Block for Retaining a Stub Cable	PCT/US2008/055255	2/28/08		
2316.2459		WO	Network Interface Device	PCT/US2007/085209	11/20/07		
2316.2460		WO	HARDENED FIBER OPTIC CONNECTOR	PCT/US2008/051782	1/23/08		
2316.2461		WO	Central Strength Member Clamp for Fiber Optic Cable	PCT/US2008/080763	10/22/08		
2316.2462		WO	FIBER DISTRIBUTION ENCLOSURE	PCT/US2007/083308	11/1/07		
2316.2472		WO	MODULAR POWER DISTRIBUTION SYSTEM AND METHODS	PCT/US2007/085169	11/20/07		
2316.2473		WO	FIBER OPTIC CONNECTOR MECHANICAL INTERFACE CONVERTER	PCT/US2008/050126	1/3/08		
2316.2474		WO	OVERHEAD CABLE TERMINATION ARRANGEMENT	PCT/US2008/051082	1/15/08		
2316.2481		WO	CABLE SPLINT	PCT/US2008/079789	10/14/08		
2316.2482		WO	LATERAL STORAGE SPOOL FOR OVERHEAD CABLE PATHWAY	PCT/US2008/051150	1/16/08		
2316.2485		WO	ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS	PCT/US2008/051080	1/15/08		
2316.2492		WO	METHODS, SYSTEMS AND DEVICES FOR INTEGRATING WIRELESS TECHNOLOGY INTO A FIBER OPTIC NETWORK	PCT/US2010/026354	3/5/10		
2316.2498		WO	HARDENED FIBER OPTIC ADAPTER	PCT/US2008/050124	1/3/08		
2316.2499		WO	OPTICAL FIBER PREPARATION DEVICE	PCT/US2008/058706	3/28/08		
2316.2500		WO	OPTICAL FIBER INSPECTION TOOL	PCT/US2008/058713	3/28/08		
2316.2501		WO	Field Termination Connector with Shaped Adhesive Pre-Form	PCT/US2008/004798	4/11/08		
2316.2503		WO	Field Terminatable Fiber Optic Connector Assembly	PCT/US2008/060081	4/11/08		
2316.2519		WO	Modular Optical Wall Box Enclosure	PCT/US2008/061798	4/28/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2520		WO	UNIVERSAL BRACKET FOR MOUNTING A DROP TERMINAL	PCT/US2008/054749	2/22/08		
2316.2521		WO	REAR INTERFACE ASSEMBLY-Flex-X Module with Board Mounted Baluns	PCT/US2008/058411	3/27/08		
2316.2525		WO	Fiber Optic Cable Breakout Configuration with Tensile Reinforcement	PCT/US2008/058220	3/26/08		
2316.2526		WO	Fiber Optic Telecommunications Cable Assembly	PCT/US2008/058225	3/26/08		
2316.2527		WO	Hardened Female Fiber Optic Connector	PCT/US2008/067300	6/18/08		
2316.2542		WO	TELECOMMUNICATION CABINET WITH AIRFLOW DUCTING	PCT/US2008/062004	4/30/08		
2316.2545		WO	WALL MOUNT BOX WITH SPLITTER	PCT/US2008/053834	2/13/08		
2316.2546		WO	TELECOMMUNICATIONS RACK UNIT TRAY	PCT/US2008/051559	1/21/08		
2316.2577		WO	Field Termination Kit	PCT/US2008/060073	4/11/08		
2316.2578		WO	MULTIMEDIA ENCLOSURE	PCT/US2008/073867	8/21/08		
2316.2580		WO	MECHANICAL INTERFACE CONVERTER FOR MAKING NON-RUGGEDIZED FIBER OPTIC CONNENCTORS COMPATIBLE WITHA RUGGEDIZED FIBER OPTIC ADAPTER	PCT/US2008/062775	5/6/08		
2316.2590		WO	INTERFACE CONVERTER FOR SC FIBER OPTIC CONNECTORS	PCT/US2008/062762	5/6/08		
2316.2595		WO	FIBER OPTIC MODULE	PCT/US2008/066747	6/12/08		
2316.2599		WO	CABLE MANAGEMENT ARRANGEMENT FOR A TELECOMMUNICATIONS CABINET	PCT/US2008/063533	5/13/08		
2316.2600		WO	TELECOMMUNICATIONS FRAME INCLUDING AN INTERNAL CABLE TROUGH ASSEMBLY	PCT/US2008/063530	5/13/08		
2316.2601		WO	Mini Drop Terminal	PCT/US2008/079328	10/9/08		
2316.2604		WO	Telecommunication Wire with Low Dielectric Constant Insulator	PCT/US2008/069825	7/11/08		
2316.2610		WO	Hinge for Cable Trough Cover	PCT/US2008/071721	7/31/08		
2316.2612		WO	FIBER TERMINATION BLOCK WITH SPLITTERS	PCT/US2008/071601	7/30/08		
2316.2613		WO	Fiber Distribution Hub	PCT/US2008/080756	10/22/08		
2316.2618		WO	Fiber Optic Adapter Enclosure	PCT/US2008/073680	8/20/08		
2316.2623		WO	INDOOR FIBER OPTIC DISTRIBUTION CABLE	PCT/US2008/075413	9/5/08		
2316.2632		WO	SPLICE TRAY HOLDER	PCT/US2008/081104	10/24/08		
2316.2645		WO	CONNECTOR MODULE	PCT/IB2008/003830	9/24/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2650		WO	SLIDING ADAPTER PANEL WITH LIVING HINGE AND FORWARD/REARWARD LOCKING	PCT/US2008/081424	10/28/08		
2316.2652		WO	LOW PROFILE FIBER DISTRIBUTION HUB	PCT/US2008/081605	10/29/08		
2316.2658		WO	WAVELENGTH DIVISION MULTIPLEXING MODULE	PCT/US2008/079965	10/15/08		
2316.2660		WO	Hardened Fiber Optic Connector System with Multiple Arrangements	PCT/US2008/086085	12/9/08		
2316.2664		WO	METHODS AND SYSTEMS FOR DELIVERY OF MULTIPLE PASSIVE OPTICAL NETWORK SERVICES	PCT/US2008/081118	10/24/08		
2316.2665		WO	Asymmetric Compensation for Improved Alien Crosstalk Performance	PCT/US2009/033890	2/12/09		
2316.2666		WO	Improved Far End Crosstalk Compensation	PCT/US2009/033892	2/12/09		
2316.2667		WO	Multi-Fiber Fiber Optic Cable	PCT/US2009/038555	3/27/09		
2316.2670		WO	TELESCOPING COVER FOR CABLE TROUGH SYSTEM	PCT/US2008/085492	12/4/08		
2316.2671		WO	FLEXIBLE COVER FOR CABLE TROUGH SYSTEM	PCT/US2008/085494	12/4/08		
2316.2686		WO	TERMINATE HARDENED MULTI-FIBER CONNECTOR ONTO UNLIMITED LENGTHS OF FIBER	PCT/US2009/037100	3/13/09		
2316.2687		WO	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	PCT/US2008/084806	11/26/08		
2316.2690		WO	FIBER OPTIC ADAPTER WITH INTEGRALLY MOLDED FERRULE ALIGNMENT STRUCTURE	PCT/US2009/055038	8/26/09		
2316.2692		WO	Wall Box Adapted to be Mounted at a Mid-Span Access Location of a Telecommunications Cable	PCT/US2008/086442	12/11/08		
2316.2692		WO	Wall Box Adapted to be Mounted at a Mid-Span Access Location of a Telecommunications Cable	PCT/US2009/030414	1/8/09		
2316.2696		WO	FIBER ROUTING SYSTEM WITH DROP-IN DEVICE	PCT/US2009/033200	2/5/09		
2316.2697		WO	Drop Terminal with Optical Splitter	PCT/US2008/086445	12/11/08		
2316.2700		WO	WAVELENGTH DIVISION MULTIPLEXING MODULE	PCT/US2009/032349	1/29/09		
2316.2710		WO	CABLE PULLING ASSEMBLY	PCT/US2009/034840	2/23/09		
2316.2711		WO	Telecommunications Wire having a Channeled Dielectric Insulator and Methods for Manufacturing the Same	PCT/US2009/048770	6/26/09		
2316.2712		WO	Fiber Optic Cable	PCT/US2009/045435	5/28/09		
2316.2714		WO	Fiber Optic Splice Enclosure				
2316.2714		WO	Fiber Optic Splice Enclosure	PCT/US2009/033990	2/13/09		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2725		WO	Hardened Fiber Optic Connector with Connector Body Joined to Cylindrical Cable by Unitary Housing	PCT/US2009/041241	4/21/09		
2316.2726		WO	Splice of Fiber Optic Cables	PCT/US2009/055334	8/28/09		
2316.2729		WO	BULKHEAD WITH ANGLED OPENINGS AND METHOD	PCT/US2009/037243	3/16/09		
2316.2743		WO	REAR LATCH ARRANGEMENT FOR SLIDING DRAWER	PCT/US2009/037388	3/17/09		
2316.2745		WO	DRAWER ARRANGEMENT WITH RACK AND PINION	PCT/US2009/042671	5/4/09		
2316.2746		WO	UNIVERSAL CABLE MANAGEMENT PANEL	PCT/US2009/037392	3/17/09		
2316.2754		WO	FIBER MANAGEMENT PANEL	PCT/US2009/040161	4/10/09		
2316.2786		WO	Fiber Optic Splice Tray	PCT/US2009/040842	4/16/09		
2316.2788		WO	Cable Anchoring Device	PCT/US2009/040836	4/16/09		
2316.2802		WO	METHODS AND SYSTEMS FOR DISTRIBUTING FIBER OPTIC TELECOMMUNICATIONS SERVICES TO LOCAL AREA	PCT/US2009/047906	6/19/09		
2316.2807		WO	FIBER OPTIC SPLICE TRAY	PCT/US2009/056308	9/9/09		
2316.2812		WO	MODULAR FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	PCT/US2009/057077	9/16/09		
2316.2820		WO	MULTI-JACKETED FIBER OPTIC CABLE	PCT/US2009/045321	5/27/09		
2316.2821		WO	FLEXIBLE EXTRUDED CABLE MOLDING SYSTEM, METHODS, AND TOOLS	PCT/US2009/045318	5/27/09		
2316.2822		WO	FOAMED FIBER OPTIC CABLE	PCT/US2009/045315	5/27/09		
2316.2825		WO	HYBRID FIBER/COPPER CABLE PREPARATION TOOL	PCT/US2009/055860	9/3/09		
2316.2826		WO	FLAT DROP CABLE	PCT/US2009/062363	10/28/09		
2316.2830		WO	FIBER OPTIC FERRULE ASSEMBLY WITH TRANSITIONING INSERT	PCT/US2010/054623	10/29/10		
2316.2831		WO	POWER SWITCHING ARRANGEMENT	PCT/US2009/060208	10/9/09		
2316.2832		WO	FIELD TERMINABLE FIBER OPTIC ASSEMBLY	PCT/US2009/050200	7/10/09		
2316.2836		WO	PATCH PANEL ASSEMBLY	PCT/EP2009/006351	9/2/09		
2316.2837		WO	FRAME WITH CABLE MANAGEMENT	PCT/EP2009/006132	8/24/09		
2316.2838		WO	COLLAPSIBLE FRAME	PCT/EP2009/006131	8/24/09		
2316.2839		WO	PANEL MOUNT	PCT/EP2009/006350	9/2/09		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2853		WO	FIBER OPTIC MODULE AND CHASSIS	PCT/US2010/021129	1/15/10		
2316.2861		WO	TWO STEP METHOD FOR DIRECT MOLDING MULTIFIBER CONNECTORS ON ARRAYS OF OPTICAL FIBERS	PCT/US2010/027676	3/17/10		
2316.2863		WO	Telecommunications Jack with Adjustable Crosstalk Compensation	PCT/US2009/065828	11/25/09		
2316.2864		WO	FIBER OPTIC ADAPTER CASSETTE WITH SNAP-FIT FRONT	PCT/US2009/066853	12/4/09		
2316.2865		WO	SLIDING ADAPTER WITH UNIVERSAL CARRIAGE	PCT/US2009/062161	10/27/09		
2316.2873		WO	FANOUT CABLE ASSEMBLY AND METHOD	PCT/US2009/059684	10/6/09		
2316.2875		WO	TELECOMMUNICATIONS PANEL AND DRAWER ARRANGEMENT	PCT/US2009/057627	9/21/09		
2316.2882		WO	SPACER BOX INTERBAY CABLE MANAGEMENT PANEL	PCT/US2009/061849	10/23/09		
2316.2889		WO	MULTI-FIBER CABLE MANAGEMENT PANEL	PCT/US2010/022739	1/1/10		
2316.2902		WO	FIBER OPTIC TELECOMMUNICATIONS MODULE	PCT/US2009/064785	11/17/09		
2316.2907		WO	RF CIRCUIT MODULE AND PANEL	PCT/US2010/020216	1/6/10		
2316.2908		WO	Fiber Optic Enclosure	PCT/US2010/022067	1/26/10		
2316.2938		WO	FIBER OPTIC CABLE PASS-THRU FITTING	PCT/US2010/00544	2/23/10		
2316.2940		WO	FIBER OPTIC CONNECTOR AND METHOD FOR ASSEMBLING	PCT/US2010/030100	4/6/10		
2316.2941		WO	Ruggedized Fiber Optic/Electrical Connection System	PCT/US2011/023736	2/4/11		
2316.2944		WO	FIBER OPTIC CABLE PASS-THRU FITTING	PCT/US2010/026156	3/4/10		
2316.2946		WO	Fiber Optic Enclosure with Internal Cable Spool Assembly	PCT/US2011/027729	3/9/11		
2316.2949		WO	RAPID UNIVERSAL RACK MOUNT DRAWER	PCT/US2010/042736	7/21/10		
2316.2953		WO	Pedestal Terminal with Swing Frame	PCT/US2010/047845	9/3/10		
2316.2955		WO	Methods, Systems and Devices for Providing Fiber-to-the-Desktop	PCT/US2010/057973	11/24/10		
2316.2956		WO	FIBER DISTRIBUTION ENCLOSURE	PCT/US2011/021115	1/13/11		
2316.2959		WO	DROP CABLE PASS-THRU FITTING	PCT/US2010/028660	3/25/10		
2316.2964		WO	CABLE LABEL AND METHODS	PCT/US2010/034549	5/12/10		
2316.2965		WO	CABLE PULLING ASSEMBLY	PCT/US2010/033886	5/6/10		
2316.2965		WO	CABLE PULLING ASSEMBLY	PCT/US2010/057972	11/24/10		
2316.2967		WO	RADIUS LIMITER CABLE RETENTION BRACKET AND PANEL	PCT/US2010/031897	4/21/10		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2983		WO	MECHANICAL INTERFACE BETWEEN A FIBER OPTIC CABLE AND A FIBER OPTIC CONNECTOR	PCT/US2010/035370	5/19/10		
2316.2985		WO	PASS-THROUGH TROUGH	PCT/US2010/045142	8/11/10		
2316.2989		WO	Plug Assembly for Telecommunications Cable	PCT/US2010/049340	9/17/10		
2316.2991		WO	Multi-Fiber Loop Back Plug	PCT/US2010/042944	7/22/10		
2316.3005		WO	Wall-Mounted Fiber Distribution Hub	PCT/US2010/040806	7/1/10		
2316.3012		WO	FIBER OPTIC ENCLOSURE WITH ADAPTER BULKHEAD POSITIONED BENEATH PIVOTAL SPLICE TRAY	PCT/US2010/042307	7/16/10		
2316.3013		WO	TWIST-IN LATCHING ARRANGEMENT FOR CABLE MANAGEMENT STRUCTURE	PCT/US2010/041805	7/13/10		
2316.3015		WO	Fiber Optic Cable Assembly and Method of Making the Same	PCT/US2011/032704	4/15/11		
2316.3020		WO	MANAGED CONNECTIVITY IN FIBER OPTIC SYSTEMS AND METHODS THEREOF	PCT/US2010/052882	10/15/10		
2316.3021		WO	MANAGED CONNECTIVITY IN ELECTRICAL SYSTEMS AND METHODS THEREOF	PCT/US2010/052872	10/15/10		
2316.3022		WO	TWISTED PAIRS CABLE WITH TAPE ARRANGEMENT	PCT/US2010/046981	8/27/10		
2316.3040		WO	TESTING OF OPTICAL CABLE USING OPTICAL TIME DOMAIN REFLECTOMETRY	PCT/US2011/059779	11/8/11		
2316.3041		WO	FIBER OPTIC CABLE BUNDLE WITH STAGGERED CONNECTORS	PCT/US2011/023479	2/2/11		
2316.3042		WO	CABLE PACKING SYSTEMS AND METHODS	PCT/US2013/057343	8/29/13		
2316.3043		WO	Flat Drop Cable with Center Strength Member	PCT/US2010/053580	10/21/10		
2316.3045		WO	ELECTRICAL PLUG FOR MANAGED CONNECTIVITY SYSTEMS	PCT/US2010/053228	10/19/10		
2316.3047		WO	Fiber Distribution Hub and Cable for Use Therewith	PCT/US2010/053586	10/21/10		
2316.3051		WO	FIBER OPTIC CABLE ASSEMBLY	PCT/US2011/026846	3/2/11		
2316.3052		WO	NON-ARMORED RODENT RESISTANT CABLE	PCT/US2010/057406	11/19/10		
2316.3053		WO	OPTICAL FIBER INTERCONNECT CABINETS, TERMINATION MODULES AND FIBER CONNECTIVITY MANAGEMENT FOR THE SAME	PCT/US2004/007932	3/16/04		
2316.3057		WO	Fiber Optic Cable Assembly	PCT/US2010/057415	11/19/10		
2316.3069		WO	COMMUNICATIONS BLADED PANEL SYSTEMS	PCT/US2011/024623	2/11/11		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3069		WO	COMMUNICATIONS BLADED PANEL SYSTEMS	PCT/US2011/024626	2/11/11		
2316.3069		WO	COMMUNICATIONS BLADED PANEL SYSTEMS	PCT/US2011/024630	2/11/11		
2316.3069		WO	COMMUNICATIONS BLADED PANEL SYSTEMS	PCT/US2011/024635	2/11/11		
2316.3071		WO	MANAGED FIBER CONNECTIVITY SYSTEMS	PCT/US2011/024649	2/11/11		
2316.3071		WO	MANAGED FIBER CONNECTIVITY SYSTEMS	PCT/US2011/024650	2/11/11		
2316.3071		WO	MANAGED FIBER CONNECTIVITY SYSTEMS	PCT/US2011/024652	2/11/11		
2316.3071		WO	MANAGED FIBER CONNECTIVITY SYSTEMS	PCT/US2011/024653	2/11/11		
2316.3080		WO	INSECT-INFESTATION PREVENTION DEVICE FOR TELECOMMUNICATIONS EQUIPMENT	PCT/US2011/022228	1/24/11		
2316.3089		WO	LC SHROUD AND REAR HOUSING DESIGN IMPROVEMENT	PCT/US2011/062610	11/30/11		
2316.3090		WO	CABLE MANAGEMENT IN RACK SYSTEMS	PCT/US2011/060588	11/14/11		
2316.3110		WO	OPTICAL FIBER DRAWER WITH CONNECTORIZED STUB CABLE	PCT/US2011/029711	3/24/11		
2316.3111		WO	PLUG CONTACT ARRANGEMENT AND THE MANUFACTURE THEREOF	PCT/US2011/056424	10/14/11		
2316.3114		WO	CONTACT SET ARRANGEMENT FOR RIGHT ANGLE JACK	PCT/US2011/056420	10/14/11		
2316.3115		WO	SINGLE-PIECE PLUG NOSE	PCT/US2011/056431	10/14/11		
2316.3124		WO	FIBER OPTIC CABLE WITH MEDIAL BUMP	PCT/US2011/037159	5/19/11		
2316.3126		WO	Fiber Distribution Hub with Pass-Through Interfaces	PCT/US2011/035552	5/6/11		
2316.3127		WO	Splice Enclosure Arrangement for Fiber Optic Cables	PCT/US2011/036217	5/12/11		
2316.3136		WO	RUGGEDIZED MULTI-FIBER FIBER OPTIC CONNECTOR WITH SEALED DUST CAP	PCT/US2013/061619	9/25/13		
2316.3136		WO	RUGGEDIZED MULTI-FIBER FIBER OPTIC CONNECTOR WITH SEALED DUST CAP	PCT/US2013/061619	9/25/13		
2316.3137		WO	RAPID MULTI-SERVICE TERMINAL	PCT/US2011/037162	5/19/11		
2316.3139		WO	IN-LINE SPLICE WITH INTEGRATED SPLICE HOLDER	PCT/US2011/037155	5/19/11		
2316.3140		WO	Methods and Systems for Lashing Together Multiple Fiber Optic Telecommunications Cables	PCT/US2011/037153	5/19/11		
2316.3145		WO	TELECOMMUNICATIONS ASSEMBLY	PCT/US2011/041605	6/23/11		
2316.3149		WO	RAPID MST WITH REELFLEX FLAT DROP CABLE	PCT/US2011/046228	8/2/11		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3160		WO	METHOD FOR TERMINATING A FIBER OPTIC CABLE	PCT/US2011/050968	9/9/11		
2316.3161		WO	METHOD FOR FUSION SPLICING A FIBER OPTIC CABLE	PCT/US2011/050973	9/9/11		
2316.3167		WO	Telecommunications Enclosure	PCT/US2012/036571	5/4/12		
2316.3168		WO	Tray Assembly for a Fiber Optic Enclosure	PCT/US2011/060566	11/14/11		
2316.3169		WO	System and Method for Anchoring Fiber Optic Cables to Provide Strain Relief	PCT/US2011/057827	10/26/11		
2316.3174		WO	FIBER OPTIC CABLE ASSEMBLY WITH INTEGRAL STRAIN RELIEF	PCT/US2012/024228	2/8/12		
2316.3177		WO	Cable Shroud Assembly for a Fiber Optic Enclosure	PCT/CN2010/080585	12/31/10		
2316.3185		WO	FIBER OPTIC CABLE WITH ELECTRICAL CONDUCTORS	PCT/US2012/025027	2/14/12		
2316.3193		WO	OPTICAL FIBER LOOPBACK ADAPTER	PCT/US2013/058489	9/6/13		
2316.3193		WO	OPTICAL FIBER LOOPBACK ADAPTER	PCT/US2013/058489	9/6/13		
2316.3195		WO	FIBER OPTIC CLOSURE	PCT/US2012/025429	2/16/12		
2316.3199		WO	MANAGED FIBER CONNECTIVITY SYSTEMS	PCT/US2012/033578	4/13/12		
2316.3201		WO	Strain Relief Boot for a Fiber Optic Connector	PCT/US2012/029248	3/15/12		
2316.3202		WO	FIBER OPTIC CONNECTOR FOR 1.2 MM CABLE	PCT/US2012/029241	3/15/12		
2316.3203		WO	METHODS FOR PROCESSING A MULTI-FIBER FERRULE	PCT/US2012/033306	4/12/12		
2316.3207		WO	FIBER OPTIC CASSETTE, SYSTEM, AND METHOD	PCT/US2012/058955	10/5/12		
2316.3218		WO	DROP CABLE WITH BALANCED STRENGTH MEMBER	PCT/US2012/047861	7/23/12		
2316.3223		WO	CABLE RADIUS LIMITER	PCT/US2012/054148	9/7/12		
2316.3227		WO	HIGH DENSITY ADJUSTABLE CABLE MANAGER/CABLE	PCT/US2012/046153	7/11/12		
2316.3234		WO	Rack and Chassis for Fiber Optic Sliding Adapter Modules	PCT/US2012/035000	4/25/12		
2316.3238		WO	Fiber Termination Enclosure with Internal Cable Spool Assembly	PCT/US2012/043827	6/22/12		
2316.3244		WO	FIBER LOCKING IN CABLE TERMINATION	PCT/US2012/047402	7/19/12		
2316.3246		WO	Component Identification and Tracking System for Telecommunication Networks	PCT/US2012/038152	5/16/12		
2316.3246		WO	Component Identification and Tracking System for Telecommunication Networks	PCT/US2012/038152	5/16/12		
2316.3248		WO	OPTICAL FIBER CONNECTION SYSTEM	PCT/US2012/054274	9/7/12		
2316.3254		WO	FIBER OPTIC CABLE PACKAGING MANAGEMENT	PCT/US2012/054154	9/7/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3259		WO	MULTI-FIBER CONNECTOR WITH SIDE LOADING OF FERRULE	PCT/US2012/062526	10/30/12		
2316.3264		WO	CABLE SEALING ARRANGEMENT FOR A CONNECTOR	PCT/US2013/041765	5/20/13		
2316.3267		WO	GUIDED CABLE STORAGE ASSEMBLY WITH SWITCHBACKS				
2316.3268		WO	CABLE PAYOUT CASSETTE WITH SINGLE LAYER CABLE STORAGE AREA	PCT/US2013/038651	4/29/13		
2316.3270		WO	PAYOUT SPOOL WITH AUTOMATIC CABLE DISCONNECT/RECONNECT				
2316.3278		WO	OPTICALLY POWERED MEDIA CONVERTERS AND SENSORS	PCT/US2014/024883	3/12/14		
2316.3305		WO	ADAPTER FOR FIBER OPTIC MODULE	PCT/CN2011/079371	9/6/11		
2316.3310		WO	DISTRIBUTED PASSIVE OPTICAL NETWORKS	PCT/US2012/051315	8/17/12		
2316.3312		WO	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT	PCT/US2012/059035	10/5/12		
2316.3315		WO	TOOLS AND METHODS FOR PREPARING A FERRULE-LESS OPTICAL FIBER CONNECTOR				
2316.3318		WO	WALL-MOUNT BOX WITH ISOLATED INTERIOR REGIONS	PCT/US2012/053924	9/6/12		
2316.3324		WO	COMMUNICATIONS BLADED PANEL SYSTEMS	PCT/US2012/071231	12/21/12		
2316.3328		WO	Cable Anchoring System for a Fiber Optic Enclosure	PCT/US2013/039183	5/2/13		
2316.3342		WO	CABLE STORAGE SPOOL WITH CENTER FEED	PCT/US2013/038657	4/29/13		
2316.3345		WO	Elastomeric Material With Reduced Extender Mobility	PCT/US13/52844	7/31/13		
2316.3345		WO	Elastomeric Material With Reduced Extender Mobility	PCT/US13/52844	7/31/13		
2316.3346		WO	OPTICAL FIBER PROTECTIVE TUBING ASSEMBLY	PCT/US2013/035904	4/10/13		
2316.3347		WO	EXTRUDED SEAL CARRIER AND METHOD OF USE	PCT/US2013/035811	4/9/13		
2316.3348		WO	DUST CAP FOR A TELECOMMUNICATIONS CONNECTOR	PCT/US2013/033113	3/20/13		
2316.3365		WO	LOW PRESSURE REACTION MOLDING HYBRID GEL	PCT/US2014/024869	3/12/14		
2316.3371		WO	FIBER OPTIC CONNECTORS	PCT/US2013/066768	10/25/13		
2316.3371		WO	FIBER OPTIC CONNECTORS	PCT/US2013/066768	10/25/13		
2316.3376		WO	CABLE CLAMP WITH STRAIN RELIEF	PCT/US2012/069783	12/14/12		
2316.3386		WO	APPARATUS AND METHOD FOR CABLE STRENGTH MEMBER PROTECTION	PCT/US2012/069772	12/14/12		
2316.3395		WO	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	PCT/US2013/026904	2/20/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3397		WO	MULTI-FIBER PATCH CORD MANUFACTURING METHOD	PCT/US2013/020335	1/4/13		
2316.3399		WO	FIBER OPTIC ADAPTER BLOCK	PCT/US2013/021174	1/11/13		
2316.3418		WO	EXPANDED BEAM OPTICAL CONNECTOR HAVING HYDROPHOBIC COATING ON LENS	PCT/US2013/059470	9/12/13		
2316.3420		WO	Network Equipment Cabinet Modularization Method using Flexible Foil Based Optical Fibers and Flat Ribbon Style Power Cabling with Quareo CPID Capability	PCT/US2013/050110	7/11/13		
2316.3421		WO	FIBER OPTIC CABLE PACKAGING ARRANGEMENT	PCT/US2013/027997	2/27/13		
2316.3428		WO	SPACER BOX AND INTERBAY CABLE MANAGEMENT PANEL	PCT/US2013/029550	3/7/13		
2316.3446		WO	DEPLOYING OPTICAL FIBERS USING INDEXING TERMINALS	PCT/US2014/039377	5/30/14		
2316.3446		WO	DEPLOYING OPTICAL FIBERS USING INDEXING TERMINALS	PCT/US2013/034618	3/29/13		
2316.3448		WO	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	PCT/US2013/041612	5/17/13		
2316.3454		WO	FERRULES FOR FIBER OPTIC CONNECTORS	PCT/US2014/025735	3/13/14		
2316.3464		WO	ACTIVE AND PASSIVE NORMAL THROUGH OPTICAL CONNECTORS	PCT/US2014/023563	3/11/14		
2316.3473		WO	RUGGEDIZED FIBER OPTIC CONNECTOR	PCT/US2013/041768	5/20/13		
2316.3477		WO	SPLICE CASSETTES AND CHIPS	PCT/US2013/042446	5/23/13		
2316.3478		WO	SPLICE CHIPS FOR OPTICAL FIBER SPLICE CASSETTES	PCT/US2013/042452	5/23/13		
2316.3488		WO	MANAGED ELECTRICAL CONNECTIVITY SYSTEMS	PCT/US2013/048643	6/28/13		
2316.3523		WO	CHIP ON SC CONNECTOR INNER HOUSING	PCT/US2013/050103	7/11/13		
2316.3528		WO	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	PCT/US2013/049928	7/10/13		
2316.3534		WO	FAN-OUT DEVICE	PCT/US2013/052466	7/29/13		
2316.3551		WO	Automatic HF Test Station	PCT/EP2014/071148	10/2/14		
2316.3552		WO	LOW PROFILE FACEPLATE HAVING MANAGED CONNECTIVITY	PCT/US2013/061629	9/25/13		
2316.3553		WO	FIBER OPTIC CONNECTOR AND FIBER OPTIC CABLE ASSEMBLY WITH FIBER OPTIC CABLE ANCHORED TO BOOT OF FIBER OPTIC CONNECTOR	PCT/US2014/023690	3/11/14		
2316.3554		WO	FIBER OPTIC CASSETTE	PCT/US2013/061662	9/25/13		
2316.3554		WO	FIBER OPTIC CASSETTE	PCT/US2013/061662	9/25/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3555		WO	MANUFACTURE AND TESTING OF FIBER OPTIC CASSETTE	PCT/US2013/061670	9/25/13		
2316.3555		WO	MANUFACTURE AND TESTING OF FIBER OPTIC CASSETTE	PCT/US2013/061670	9/25/13		
2316.3558		WO	MANAGED FIBER CONNECTIVITY SYSTEMS	PCT/US2013/053441	8/2/13		
2316.3563		WO	OPTICAL WAVEGUIDE MODULE, SYSTEM AND METHOD	PCT/US2014/024657	3/12/14		
2316.3563		WO	OPTICAL WAVEGUIDE MODULE, SYSTEM AND METHOD	PCT/US2014/024657	3/12/14		
2316.3572		WO	ANCHORING CABLES TO RACK WITH SELF-LOCKING CABLE CLAMP ARRANGEMENTS	PCT/US2014/021202	3/6/14		
2316.3583		WO	SYSTEM FOR TESTING PASSIVE OPTICAL LINES	PCT/US2013/066028	10/22/13		
2316.3583		WO	SYSTEM FOR TESTING PASSIVE OPTICAL LINES	PCT/US2013/066028	10/22/13		
2316.3597		WO	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT	PCT/US2014/014866	2/5/14		
2316.3597		WO	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT	PCT/US2014/014866	2/5/14		
2316.3601		WO	ANCHORING CABLE TO RACK WITH WITH CABLE CLAMP ARRANGEMENTS	PCT/US2013/067780	10/31/13		
2316.3606		WO	Distributed Split Configuration for Multi-Dwelling Unit	PCT/US2013/072013	11/26/13		
2316.3606		WO	Distributed Split Configuration for Multi-Dwelling Unit	PCT/US2013/072013	11/26/13		
2316.3607		WO	FIELD INSTALLED CONNECTOR HOUSING ASSEMBLY	PCT/US2013/072018	11/26/13		
2316.3621		WO	TELECOMMUNICATIONS ASSEMBLY WITH PATCH CORD STORAGE	PCT/US2014/022744	3/10/14		
2316.3625		WO	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY	PCT/US2014/014878	2/5/14		
2316.3625		WO	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY	PCT/US2014/014878	2/5/14		
2316.3627		WO	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY	PCT/US2014/014870	2/5/14		
2316.3627		WO	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY	PCT/US2014/014870	2/5/14		
2316.3631		WO	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY	PCT/US2014/014859	2/5/14		
2316.3659		WO	SELF ENGAGING PORT PLUG FOR GEL CLOSURES	PCT/US2014/016169	2/13/14		
2316.3661		WO	HYBRID POWER AND OPTICAL FIBER CABLE	PCT/US2014/015969	2/12/14		
2316.3662		WO	HIGH DENSITY SPLITTER AGGREGATION MODULE	PCT/US2014/018646	2/26/14		
2316.3662		WO	HIGH DENSITY SPLITTER AGGREGATION MODULE	PCT/US2014/018646	2/26/14		
2316.3669		WO	MODULAR CONNECTOR WITH CROSSTALK COMPENSATION				

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3670		WO	STRIP, CLEAN, CLEAVE FIBER OPTIC CONNECTOR AUTOMATION	PCT/US2015/032095	5/22/15		
2316.3671		WO	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT	PCT/US2014/017937	2/24/14		
2316.3671		WO	SLIDABLE FIBER OPTIC CONNECTION MODULE WITH CABLE SLACK MANAGEMENT	PCT/US2014/017937	2/24/14		
2316.3674		WO	TELECOMMUNICATIONS CONNECTION DEVICE	PCT/US2014/041533	6/9/14		
2316.3680		WO	MODULAR CONNECTOR DESIGNED TO REDUCE ALIEN CROSSTALK	PCT/US2014/029268	3/14/14		
2316.3681		WO	TAPER STRAIN RELIEF BOOT FOR FERRULE FLEX CONNECTORS	PCT/US2014/049383	8/1/14		
2316.3685		WO	ARCHITECTURE FOR A WIRELESS NETWORK	PCT/US2014/030969	3/18/14		
2316.3699		WO	EXPANDED BEAM FIBER OPTIC CONNECTOR, AND CABLE ASSEMBLY, AND METHODS FOR MANUFACTURING	PCT/US2014/047592	7/22/14		
2316.3708		WO	POWER/FIBER HYBRID CABLE	PCT/US2014/000115	5/14/14		
2316.3712		WO	ADJUSTABLE CUT-IN PIECE FOR FIBER GUIDE	PCT/US2014/038818	5/20/14		
2316.3715		WO	WAVE DIVISION MULTIPLEXER ARRANGEMENT FOR SMALL CELL NETWORKS	PCT/US2014/052676	8/26/14		
2316.3717		WO	FIBER OPTIC CONNECTOR WITH ROTATIONAL INTERLOCK BETWEEN CONNECTOR HOUSING AND REAR INSERT	PCT/US2014/061515	10/21/14		
2316.3718		WO	System and Method for Applying an Adhesive Coated Cable to a Surface	PCT/US2013/066812	10/25/13		
2316.3718		WO	System and Method for Applying an Adhesive Coated Cable to a Surface	PCT/US2013/066812	10/25/13		
2316.3730		WO	FIBER OPTIC CONNECTOR, FIBER OPTIC CONNECTOR AND CABLE ASSEMBLY, AND METHODS FOR MANUFACTURING				
2316.3756		WO	POWER AND OPTICAL FIBER INTERFACE	PCT/US2014/046678	7/15/14		
2316.3769		WO	FIBER OPTIC CABLE AND CONNECTOR ASSEMBLY INCLUDING INTEGRATED ENHANCED FUNCTIONALITY	PCT/US2014/047601	7/22/14		
2316.3772		WO	DISTRIBUTED WAVE DIVISION MULTIPLEXING SYSTEMS	PCT/US2014/046846	7/16/14		
2316.3773		WO	CLEANING PADS FOR FIBER OPTIC CONNECTORS	PCT/EP2014/070081	9/22/14		
2316.3785		WO	OPTICAL FIBER CONNECTOR AND CABLE ASSEMBLY WITH DUAL DIAMETER CRIMP SLEEVE	PCT/US2014/053953	9/3/14		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.3786		WO	FIBER OPTIC CONNECTOR, FIBER OPTIC CONNECTOR AND CABLE ASSEMBLY, AND METHODS FOR MANUFACTURING	PCT/US2014/051724	8/19/14		
2316.3791		WO	ADJUSTABLE CABLE MANAGER	PCT/US2014/055073	9/11/14		
2316.3795		WO	TESTING PERFORMANCE OF OPTICAL FIBERS IN THE FIELD	PCT/US2014/053228	8/28/14		
2316.3803		WO	PACKAGING ASSEMBLY FOR TELECOMMUNICATIONS COMPONENTS	PCT/US2014/064380	11/6/14		
2316.3808		WO	ADAPTER FOR INSPECTION OF FIBER OPTIC CABLES	PCT/EP2014/070090	9/22/14		
2316.3812		WO	TELECOMMUNICATIONS MODULE	PCT/US2014/064175	11/5/14		
2316.3830		WO	SHIELDING CAP FOR MINIMIZING ALIEN CROSSTALK BETWEEN ADJACENT ELECTRICAL CONNECTORS OR OUTLET JACKS	PCT/US2015/027159	4/22/15		
2316.3837		WO	TWO-SIDED OPTICAL FIBER MANAGEMENT TRAY AND METHOD OF USE	PCT/US2014/062422	10/27/14		
2316.3855		WO	SC CONNECTOR FOR MANAGED CONNECTIVITY	PCT/US2015/014431	2/4/15		
2316.3869		WO	FLAT DROP CABLE WITH FEATURES FOR ENHANCING STRIPABILITY	PCT/CN2014/071119	1/22/14		
2316.3877		WO	TWISTED PAIR CABLE WITH SHIELDING ARRANGEMENT	PCT/US2015/037424	6/24/15		
2316.3900		WO	FIBER OPTIC CABLE STRENGTH MEMBER STRAIN RELIEF CLAMP	PCT/US2015/027160	4/22/15		
2316.3901		WO	INDEPENDENT STRAIN RELIEF MODULE FOR FLAT DROP STYLE CABLES	PCT/US2015/034870	6/9/15		
2316.3936		WO	FIBER OPTIC CASSETTE WITH SPACER	PCT/US2015/013276	1/28/15		
2316.3949		WO	HARDENED OPTICAL POWER CONNECTION SYSTEM	PCT/US2015/014977	2/9/15		
2316.3951		WO	PULLING SLEEVE				
2316.3953		WO	MODULAR ELEMENTS TRAY	PCT/US2015/017484	2/25/15		
2316.3955		WO	FIBER OPTIC MANAGED CONNECTIVITY BULKHEAD ADAPTER MODULE	PCT/US2015/022810	3/26/15		
2316.3956		WO	OPTICAL SPLITTER	PCT/US2015/023545	3/31/15		
2316.3958		WO	PASSIVE OPTICAL NETWORK DISTRIBUTION SYSTEMS AND COMPONENTS THEREOF	PCT/US2015/018360	3/2/15		
2316.4		WO	CAPACITIVE COMPENSATION	PCT/US2015/040364	7/14/15		
2316.3971		WO	MANAGED CONNECTIVITY IN CABLE SPOOL ASSEMBLIES	PCT/US15/27509	4/24/15		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.4145		WO	OPTICAL FIBER CONNECTOR FOR MULTI-FIBER CABLE	PCT/US2015/039054	7/2/15		
2316.4158		WO	BLADED CHASSIS SYSTEM	PCT/US2015/037187	6/23/15		
2316.4161		WO	FIBER CABLE FAN-OUT ASSEMBLY AND METHOD	PCT/US2015/037176	6/23/15		
2316.4162		WO	OPTICAL FERRULE FOR MULTI-FIBER CABLE	PCT/US2015/039350	7/7/15		
2316.4164		WO	HYBRID DONGLE CABLE ASSEMBLY	PCT/US2015/045551	8/17/15		
2316.4167		WO	METHODS FOR PROCESSING A MULTI-FIBER FERRULE USING A LASER	PCT/US2015/046167	8/20/15		
2316.4183		WO	FIBER STORAGE DEVICE	PCT/US2015/045389	8/14/15		
2316.4185		WO	HIGH DENSITY ADAPTER CARRIER PACK	PCT/US2015/046392	8/21/15		
2316.4219		WO	RAPID FTTH ARCHITECTURE USING INDEXING TERMINALS	PCT/US2015/038054	6/26/15		
32932.0001		WO	SEMICONDUCTOR LASERS HAVING SINGLE CRYSTAL WINDOW LAYERS AND METHOD OF FORMING THE SAME	US99/23132	10/8/99		
32932.0002		WO	APPARATUS AND METHOD FOR BATCH PROCESSING SEMICONDUCTOR SUBSTRATES IN MAKING SEMICONDUCTOR LASERS	US01/29468	9/20/01		
	TO-00689	WO		EP2014/072813	10/24/14		
	TO-00716	WO	Ground Bus	EP2014/076794	12/5/14		
	TO-00717	WO	Distribution Block and Earthing Adaptor	EP2014/076797	12/5/14		
	12-003	WO	Distributor module and method for connecting cores	EP2013/071032	10/9/13		
	TO-00699	WO	Enclosures with Integrated Individual ONU-to-DSL Conversion Modules	PCT/US14/63157	10/30/14		
	NT-00354	WO	Flexible Lensed Optical Interconnect Device for Signal Distribution	US2012/054249	9/7/12		
	NT-00355	WO	Bend-Limited Flexible Optical Interconnect Device for Signal Distribution	US2012/054263	9/7/12		
	NT-00365	WO	Fiber Optic Wall Plate with Redundancy System	US2012/070299	12/18/12		
	TO-00697	WO	Single Line Passive Optical Network Converter Module	US2014/63151	10/30/14		
	TO-00698	WO	Hybrid Fibre/CU Distribution Point with External ONU-to-DSL Conversion Unit	US2014/63155	10/30/14		
	07-010	WO		EP2008/001155	2/15/07		
	TO-00746	WO		EP2015/062805	6/9/15		
	TO-00374	WO	Dry Silicone Gels and Their Methods of Making	EP2012/061771	6/20/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	TO-00375	WO	Closure and Interconnect Systems and Methods of Using Dry Silicone Gels in Closure and Interconnect Systems	EP2012/061166	6/13/12		
	07-010	WO		EP2008/001155	2/15/07		
	12-001	WO	Distributor module and method for connecting Cables	EP2013/055114	3/13/13		
	12-002	WO	Distributor Connection Module	PCT/EP2013/055116	3/13/13		
	NC029	WO	Non-Interrupt Bypass Switch For RF Circuits	US1998/00161	1/8/98		
	NC030	WO	RF Chokes Comprising Parallel Coupled Inductors	US1998/05365	3/18/98		
	MP1224	WO	Laminar Sheet Heater	US1988/04380	12/8/88		
	MP1418	WO	Ring Laser Pumped Optical Amplifier	US1993/02353	3/11/93		
	MP1430	WO	A Robust Optical Signal Transmission System	US1992/11215	12/18/92		
	MP1508	WO	Solid State, Resettable Overcurrent Protection Device	US1995/13893	10/31/95		
	04-007	WO	Housing	PCT/EP2004/012136	10/27/04		
	07-036	WO	Distribution cabinet Comprising a plurality of inner bodies	PCT/EP2008/002415	3/13/08		
	08-032	WO	Baseplate with sealing blocks	PCT/EP2009/052492	3/3/09		
	TO-00452	WO	Aggregation Enclosure for Elevated, Outdoor Locations	EP2012/069331	10/1/12		
	TO-00497	WO	Multi-Operator Box	EP2012/074779	12/7/12		
	TO-00499	WO	Wireless Drop in a Fiber-to-the-Home Network	EP2013/058145	4/19/13		
	TY-00119	WO	Connector and Connector Assembly	IB2013/051329	2/19/13		
	00-004	WO	Duplex connector for fiber clips	PCT/EP2001/003233	3/21/01		
	00-006	WO	Z-Shaped Insulation Displacement Contact	PCT/EP2001/003582	3/29/01		
	00-007	WO	Electrical connector with Contact Parts which are set apart from Each Other	PCT/EP2001/04487	4/25/01		
	00-008	WO	Earthing Bus and Protection plug for a Switch Strip or Separating Strip in Telecommunications and Data Technology	PCT/EP2001/006133	5/30/01		
	00-009	WO	Distributor Module for use in Telecommunications and Data Systems Technology	PCT/EP2001/006134	5/30/01		
	00-012	WO	Assembly and method for use in terminating an optical fiber or fibers	PCT/GB2001/002548	6/11/01		
	00-014	WO	Connector element and method for making electrical contact with an electrical core without using any tools	PCT/EP2001/008652	7/26/01		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	00-015	WO	Electrical Connector	PCT/EP2001/008651	7/26/01		
	00-017	WO	Coupling device for glass fiber connectors	PCT/EP2001/010934	9/21/01		
	00-018	WO	Splice Plug-in Unit Comprising a Covering	PCT/EP2001/011018	9/24/01		
	00-019	WO	Optical Fibre Connection Housing	PCT/EP2001/011019	9/24/01		
	00-020	WO	Distribution cabinet	PCT/EP2001/01890	2/20/01		
	01-002	WO	Kit and Method for Constructing an Electric Power Cabinet for an Outdoor Area	PCT/EP2002/000248	1/12/02		
	01-004	WO	Universal Adapter	PCT/EP2002/008112	7/20/02		
	01-005	WO	Strain relief device for a Plug-in Connection in Communications and Data Systems	PCT/EP2002/009023	8/12/02		
	01-007	WO	Terminal block	PCT/EP2002/010284	9/13/02		
	02-001	WO	Access Security Device for Distribution Modules	PCT/EP2003/001787	2/21/03		
	02-002	WO	Plug for Connection Strips and Method for the Production Thereof	PCT/EP2003/001717	2/20/03		
	02-003	WO	Coupling for Glass Fiber Connectors with Retrofittable Security Valve	PCT/EP2003/004293	4/25/03		
	02-004	WO	Device for an optical-fiber connection	PCT/EP2003/004292	4/25/03		
	02-005	WO	Distributor Connection Module for Telecommunication and Data Technology	PCT/EP2003/007880	7/18/03		
	02-006	WO	Plug-in Connector for a Connector-ended Cable	PCT/EP2003/007675	7/16/03		
	02-008	WO	Distributor System and Methof for Fibre Optic Cables	PCT/EP2003/012119	10/31/03		
	03-001	WO	Distributor with a Test Access	PCT/EP2004/001565	2/19/04		
	03-002	WO	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	PCT/EP2004/001952	2/27/04		
	03-003	WO	Overvoltage protection magazine for a telecommunications device	PCT/EP2004/003231	3/26/04		
	03-004	WO	Glass-fiber coupler module	PCT/EP2004/003232	3/26/04		
	03-005	WO	Conductor Connecting Module for Printed Circuit Boards	PCT/EP2004/006821	6/24/04		
	03-006	WO	Distribution Connecting Module	PCT/EP2004/009002	8/12/04		
	03-008	WO	Housing for Fibre-Optic Plug-in Connector and Method for Laying Fibre-Optic Cables	PCT/EP2004/010088	9/10/04		
	03-009	WO	Wall Outlet	PCT/EP2004/011307	10/8/04		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	03-010	WO	Distribution device for communications and data technology	PCT/EP2004/012815	11/12/04		
	03-011	WO	Connection module for telecommunication and data Sytems	PCT/EP2004/013819	12/4/04		
	03-012	WO	Slipover distribution cabinet	PCT/EP2004/001837	2/24/04		
	04-001	WO	Optical fiber plug-in Connector	PCT/EP2005/001990	2/25/05		
	04-002	WO	Plug-in Connector for Printed Circuits	PCT/EP2005/002968	3/19/05		
	04-003	WO	Electrical Connecting Module	PCT/EP2005/009123	8/24/05		
	04-004	WO	Connecting Module to be used in Telecommunication and Data Technology	PCT/EP2005/009317	8/30/05		
	04-005	WO	Distribution module for converting between symmetrical and asymmetrical data transmission paths	PCT/EP2005/009318	8/30/05		
	04-009	WO	Tool for connecting cable Conductors	PCT/EP2005/011638	10/31/05		
	04-010	WO	Distributor Connection Module	PCT/EP2005/011640	10/31/05		
	04-011	WO	Distribution Connection Module	PCT/EP2005/011639	10/31/05		
	04-012	WO	Plug-in connector for printed circuit boards	PCT/EP2005/011637	10/31/05		
	04-014	WO	Cable connector for printed circuit boards	PCT/EP2005/011767	11/3/05		
	05-005	WO	Plug-in Connection	PCT/EP2006/001850	3/1/06		
	05-007	WO	Device and Method for Universally Leading Through Cables	PCT/EP2006/003046	4/4/06		
	05-008	WO	Active distribution device in the subscriber Connection area	PCT/EP2006/004419	5/11/06		
	05-009	WO	Distribution Device in a Subscriber Connection Area	PCT/EP2006/004420	5/11/06		
	05-010	WO	Protected Plug Socket for Distribution Devices in Telecommunications and Data Technology	PCT/EP2006/005681	6/13/06		
	05-011	WO	Insulation displacement connector and equipment for telecommunications and data technology	PCT/EP2006/007020	7/17/06		
	05-012	WO	Modular housing wall for telecommunications devices	PCT/EP2006/006660	7/7/06		
	05-013	WO	Assembly Device for Line and Plug Connector Elements	PCT/EP2006/007729	8/4/06		
	05-014	WO	Connecting Element Comprising a Housing for Telecommunications and/or Data Cables	PCT/EP2006/007730	8/4/06		
	05-015	WO	Protective plug for a connection module	PCT/EP2006/008299	8/24/06		
	05-016	WO	Terminal Module with Integrated Functions	PCT/EP2006/008624	9/5/06		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	05-017	WO	Method and device for coupling optical fibers	PCT/EP2006/010508	11/2/06		
	06-001	WO	Connection module for connecting at least two wires	PCT/EP2006/010848	11/13/06		
	06-002	WO	Plug-Type Connector for Telecommunications and Data Engineering	PCT/EP2007/000950	2/5/07		
	06-003	WO	Electrical Cabinet with Two Cooling Channels	PCT/EP2007/003671	4/26/07		
	06-004	WO	Connecting Strip for Telecommunications and Mid-Range Systems Technology	PCT/EP2007/003672	4/26/07		
	06-005	WO	Electrical Connector	PCT/EP2007/003320	4/16/07		
	06-006	WO	Plug-in connector for telecommunications and data technology	PCT/EP2007/006363	7/18/07		
	06-007	WO	Balanced Data Cable for Communications and Data Technology	PCT/EP2007/006364	7/18/07		
	06-008	WO	Symmetrical data cable for communications and data technology	PCT/EP2007/006365	7/18/07		
	06-009	WO	Connector Block	PCT/EP2007/006366	7/18/07		
	06-010	WO	Connector Block	PCT/EP2007/006367	7/18/07		
	06-011	WO	Screen	PCT/EP2007/006368	7/18/07		
	06-013	WO	Electrical Connector	PCT/EP2007/006369	7/18/07		
	06-014	WO	Electrical connector having a dust cover	PCT/EP2007/006370	7/18/07		
	06-016	WO	Connecting element for communication and data technology	PCT/EP2007/006371	7/18/07		
	06-018	WO	Plug-in connector for printed circuit boards	PCT/EP2007/009867	11/15/07		
	06-019	WO	Power line communications coupler	PCT/AU2007/000450	4/4/07		
	06-020	WO	Distribution Cabinet Having a Two-Piece Inner Body	PCT/EP2007/061186	10/19/07		
	06-023	WO	Cable clamp	PCT/IB2007/003708	6/22/07		
	07-001	WO	Electrical plug-in connector	PCT/EP2007/010934	12/13/07		
	07-002	WO	Electrical plug-in connector	PCT/EP2007/010933	12/13/07		
	07-003	WO	Electrical contact arrangement for telecommunications and data technology	PCT/EP2007/010932	12/13/07		
	07-004	WO	Terminal Strip	EP2007/010931	12/13/07		
	07-005	WO	Printed Circuit Board Plug-type Connector and Connection Module with Printed Circuit Board Plyg-Type Connector	PCT/EP2007/010930	12/13/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	07-006	WO	Plug-Type Connector	PCT/EP2007/010935	12/13/07		
	07-007	WO	Cable Organization Device	PCT/EP2007/010936	12/13/07		
	07-008	WO	Overvoltage protection magazine	PCT/EP2007/010937	12/13/07		
	07-015	WO	Electrical Connector	PCT/AU2008/000284	2/29/08		
	07-016	WO	Electrical Connector	PCT/AU2008/000264	2/29/08		
	07-017	WO	Electrical Connector	PCT/AU2008/000279	2/29/08		
	07-018	WO	Electrical Connector	PCT/AU2008/000280	2/29/08		
	07-019	WO	Electrical Connector	PCT/AU2008/000282	2/29/08		
	07-020	WO	Electrical Connector	PCT/AU2008/000283	2/29/08		
	07-021	WO	Electrical Connector	PCT/AU2008/000281	2/29/08		
	07-022	WO	Electrical Connector	PCT/AU2008/000263	2/29/08		
	07-023	WO	Power Outlet	PCT/AU2008/000470	4/2/08		
	07-024	WO	Plug-type connector for a printed circuit board	PCT/EP2008/003950	5/16/08		
	07-025	WO	Terminal Block and Contact Element for Telecommunications and Data Systems	PCT/EP2008/003951	5/16/08		
	07-030	WO	Fiber optical enclosure	PCT/EP2008/002623	4/2/08		
	07-031	WO	Termination for Telecommunication and Data Engineering	PCT/EP2008/005071	6/24/08		
	07-032	WO	Line module for telecommunication and data engineering	PCT/EP2008/005073	6/24/08		
	07-033	WO	Termination for Telecommunication and Data Engineering	PCT/EP2008/005072	6/24/08		
	07-034	WO	Carrier System for Mounting Telecommunication and Data Technology Devices	PCT/EP2008/001157	2/15/08		
	07-035	WO	Cable Routing Device and Unit for Telecommunication and Data Technology	PCT/EP2008/006029	7/23/08		
	07-037	WO	PCB Connector	PCT/EP2008/008634	10/13/08		
	07-038	WO	Distribution Frame Module	PCT/EP2008/008632	10/13/08		
	07-041	WO	Surge Protection Plug and Ground Bus	PCT/EP2008/008633	10/13/08		
	07-042	WO	Double-Wall Housing having Improved Heat-Removing Function Chamber Walls	PCT/EP2008/010010	11/26/08		
	07-043	WO	Coupling Housing over Braodband Power Line Communication	PCT/IB2008/003776	8/28/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	08-002	WO	Glass Fiber Connection Module	PCT/EP2009/000102	1/12/09		
	08-003	WO	Support System for Receiving Components in Telecommunication and Data Technology	PCT/EP2009/000101	1/12/09		
	08-004	WO	Wire Terminal Block and Method for Production of a Wire Terminal Block with Gel Filler	PCT/EP2009/000333	1/21/09		
	08-006	WO	Cable Housing and Method for Receiving Optical Fibers and Fibers of a Fiber Optic Cable	PCT/EP2009/001304	2/24/09		
	08-009	WO	Circuit Board for Electrical Connector and Electrical Connector	PCT/EP2009/003097	4/29/09		
	08-010	WO	Securing module for an optical fiber connection module	PCT/EP2009/003552	5/19/09		
	08-012	WO	Device for Dispensing Telecommunication Cable from a Reel	PCT/EP2009/001487	3/3/09		
	08-013	WO	Cooler Arrangement for an Electrical Equipment Cabinet having Air-to-Air Heat Exchanger Cassettes	PCT/EP2009/006433	9/4/09		
	08-014	WO	System architecture and method for linking an MSAN to a main distribution frame and distribution frame connection module	PCT/EP2009/004285	6/15/09		
	08-015	WO	Termination Box for Glass Fiber Cables, and Panel	PCT/EP2009/003555	5/19/09		
	08-016	WO	Strain Relief Device	PCT/EP2009/003553	5/19/09		
	08-017	WO	Distributor Connection Module for Telecommunications and Data Technology	PCT/EP2009/004286	6/15/09		
	08-019	WO	Device and Method for Sealing small Tubes of a Blown Fiber Cable upon Entering a Sleeve	PCT/EP2009/003554	5/19/09		
	08-020	WO	Housing having a Burglar-Proof Door Hinge	PCT/EP2009/005353	7/23/09		
	08-021	WO	Distributor connection module	PCT/EP2009/005354	7/23/09		
	08-022	WO	Electrical connector having movable protective shield	PCT/AU2009/000978	7/31/09		
	08-024	WO	Telecommunication Socket Outlet	PCT/EP2009/006426	9/4/09		
	08-025	WO	Connection module	PCT/EP2009/007314	10/12/09		
	08-026	WO	Distribution cabinet for communications and data technology	PCT/EP2009/007666	10/27/09		
	08-029	WO	Cradle for Fastening a Terminal Block to a Mounting Frame and Arrangement for Earthing a Terminal Block	PCT/EP2009/007071	10/2/09		
	08-030	WO	Device for accommodating components from telecommunications and data technology	PCT/EP2009/007667	10/27/09		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	08-031	WO	Micro-distribution cable for optical communication technology, and method for production of a micro-distribution cable	PCT/EP2009/007987	11/9/09		
	09-001	WO	Telecommunications Connector	PCT/AU2010/000017	1/8/10		
	09-002	WO	Surge Protection Magazine for a Device in Telecommunications and Data Technology	PCT/EP2009/009162	12/18/09		
	09-003	WO	Overvoltage protection magazine or plug and method for the production of an overvoltage protection magazine or plug	PCT/EP2009/009163	12/18/09		
	09-005	WO	Strain relief device	PCT/EP2009/009035	12/16/09		
	09-008	WO	Patch Panel for an Optical Distributor	PCT/EP2009/009034	12/16/09		
	09-009	WO	Method and arrangement for identifying at least one object	PCT/EP2009/009036	12/16/09		
	09-011	WO	Terminal strip	EP2010/001916	3/26/10		
	09-017	WO	Distribution device for telecommunicationsTechnology and data technology	PCT/EP2010/003686	6/18/10		
	09-018	WO	Distribution Block	PCT/EP2010/003651	6/17/10		
	10-001	WO	Housing for Receiving at least one cable	PCT/EP2010/006670	11/2/10		
	10-002	WO	Support for at least one cassette	EP2010/006671	11/2/10		
	10-003	WO	Distribution cabinet for optical fibre cables	PCT/EP2010/006672	11/2/10		
	10-005	WO	Tool for a terminal strip for telecommunications and data technology	PCT/EP2011/000454	2/1/11		
	10-008	WO	Connection box for glass fiber cables	EP2011/000059	1/10/11		
	10-009	WO	Fiber Optic Telecommunication Module	PCT/EP2011/000051	1/10/11		
	10-013	WO	Wire Strain Relief for Connection or distribution Modules and Connection or Distribution Module	PCT/EP2011/003654	7/21/11		
	10-014	WO	Cable and Feedthrough and Method for Feeding a Cable Through an Opening in a Wall Panel or Base Panel	PCT/EP2011/004207	8/20/11		
	10-015	WO	Cable guide element and cassette having a cable guide element	PCT/EP2011/004634	9/15/11		
	10-018	WO	Overvoltage protection magazine	PCT/EP2011/005523	11/2/11		
	11-001	WO	Fiber-optic connection arrangement and adapter sleeve	PCT/IB2012/000255	2/10/12		
	11-002	WO	Distribution Connection Module	EP2012/001341	3/28/12		
	11-003	WO	Distributor Connection Module	PCT/EP2012/001342	3/28/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	11-005	WO	Distribution connection module	EP2011/006035	12/2/11		
	11-007	WO	Distribution strip and distribution block comprising at least two distribution strips	PCT/EP2012/001343	3/28/12		
	11-008	WO	Tool for connecting cable Conductors	EP2012/060913	6/8/12		
	11-009	WO	Tool for connecting cable Conductors	PCT/EP2012/060911	6/8/12		
	11-011	WO	Fixing Device of a Receiving Portion for Telecommunication Devices and Receiving Portion	PCT/EP2012/061121	6/12/12		
	11-013	WO	Connector Strip and Shield Frame	PCT/EP2012/061228	6/13/12		
	11-014	WO	Surface-Mountable Enclosure	EP2012/064676	7/26/12		
	11-015	WO	Construction unit and method for producing a Construction Unit	EP2012/066616	8/27/12		
	11-016	WO	Terminal Block and Method for Producing such a Terminal Block	EP2012/070195	10/11/12		
	11-017	WO	Contact element and Distributor strip for communications and data technology	EP2012/070193	10/11/12		
	11-018	WO	Telecommunications cabling system	PCT/AU2012/001577	12/20/12		
	17587	WO	SECURITY AND COMMUNICATIONS MODULE	US01/49963	12/21/01		
	17633	WO	IMPROVED METHOD FOR SEALING OPTOELECTRONIC PACKAGES	US02/02502	1/29/02		
	17968	WO	NETWORK CONNECTION SENSING ASSEMBLY	US03/35318	11/5/03		
	17969	WO	PLUG AND BLOCK CONNECTOR SYSTEM FOR DIFFERENTIAL CONTACT PAIRS	US03/39826	12/12/03		
	18044	WO	NETWORK CONNECTION SENSING ASSEMBLY	US04/18310	6/8/04		
	18138	WO	SEALED ELECTRICAL CONNECTOR HAVING INTERNAL LATCHING MECHANSIM THEREFORE	US05/08427	3/15/05		
	18148	WO	INTERFACE MODULE	US05/16784	5/13/05		
	18150	WO	PATCH PANEL SYSTEM	US05/12321	4/12/05		
	18180	WO	NON-ORTHOGONAL CABLE MANAGEMENT SYSTEM	US05/12323	4/12/05		
	41234	WO	Electrical Connector for Data and Energy Supply	EP2004/012913	11/15/04		
	41235	WO		EP2004/012912	11/15/04		
	88-094	WO		PCT/DE89/00488	7/26/89		
	90-026	WO		PCT/DE90/00921	11/29/90		
	97-023	WO	Process for Designing a Telecommunications and Dat Network	PCT/DE98/02257	8/6/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	97-030	WO	High Frequency Cable	PCT/EP98/07626	11/27/98		
	98-001	WO	Optical fibre connector	PCT/AU1998/01013	12/8/98		
	98-002	WO	Support body for an electrical contact arrangement	PCT/EP99/00387	1/21/99		
	98-013	WO	Contact Pair Arrangement for an Electric Plug-and-Socket Connection in order to Compensate Near-End Crosstalk	PCT/EP1999/03337	5/12/99		
	98-022	WO	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-024	WO	Method and circuit arrangement for transmitting data to Power Lines	PCT/EP1999/06008	8/19/99		
	98-025	WO	Screening for Strip Terminals in Telecommunications and Data Techniques	PCT/EP1999/07756	10/14/99		
	98-027	WO	Telecommunications Cabling Arrangement	PCT/US1999/09130	4/27/99		
	99-006	WO	Fixing Device for Connector Strips used in Telecommunications, Control Engineering, Power Engineering and Data Systems	PCT/EP2000/01685	2/29/00		
	99-007	WO	Connector element with closure device	PCT/EP00/02122	3/10/00		
	99-013	WO	Interconnection device for telephone/data lines with tool less wire termination and easy disconnection for testing	PCT/EP00/06500	7/8/00		
	99-016	WO	STC-Module	PCT/EP00/10882	11/4/00		
	99-017	WO	Connecting cable Comprising an electrical plug-and-socket connection	PCT/EP2000/11348	11/16/00		
	CO-00041	WO	Methods of Processing High Service Temperature Hydrocarbon Gels	US2011/062080	11/23/11		
	DESNC005	WO	Telecommunications Connector	US1993/09737	10/12/93		
	DESNC006	WO	Telecommunications Terminal	US1993/09736	10/12/93		
	DIT029	WO	Fiber Optic Cable Bend Radius Control	US1998/03159	2/18/98		
	E-CC-00294	WO		US2011/01307	7/25/11		
	E-TO-00008	WO	Electrical Connector with Enhanced Jack Interface	US2006/17061	5/1/06		
	E-TO-00029	WO	Modular Plug with Slider Latch	US06/38494	10/2/06		
	E-TO-00051	WO	Modular Plug Electrical Connector	US2007/12599	5/24/07		
	E-TO-00091	WO	Connector Receptacle Assembly	US2007/006324	3/13/07		
	E-TO-00151	WO	Cable Support Bracket for an Electrical Component	US2008/07078	6/5/08		
	E-TO-00153	WO	Adjustable Cable Support Bracket for an Electrical Component	US08/07079	6/5/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	E-TO-00154	WO	Cable Management System	US2008/05227	4/23/08		
	E-TO-00214	WO	Expandable Power Distribution Unit	US2009/03586	6/16/09		
	E-TO-00241	WO	Terminal Block and Board Assembly for an Electrical Connector	US2010/02196	8/10/10		
	ITRACS001	WO	A System for Monitoring Connection Pattern of Data Ports	SG2000/000045	4/5/00		
	MP0766	WO	Fiber Optic Splicing	GB1982/00126	4/27/82		
	MP0839COM	WO	Optical Fiber Tap	US1983/01672	10/24/83		
	MP0855	WO	A Mechanical Coupling Assembly And Method Of Using Same	US1984/00467	3/29/84		
	MP1018	WO	Splice Case	US1985/02589	12/31/85		
	MP1050	WO	Packaged Gel Article	US1986/00967	5/2/86		
	MP1064	WO	Optical Fiber Distribution Network	US1986/01628	8/6/86		
	MP1064	WO	Optical Fiber Distribution Network	US1986/01630	8/6/86		
	MP1129	WO	Splice Closure System	US1987/01248	5/29/87		
	MP1184	WO	Alignment And Location Sleeve For Fiber Optic Contacts	US1988/00896	3/21/88		
	MP1223	WO	Rotary Closure And Grommet	US1988/04471	12/8/88		
	MP1238	WO	Telephone Junction Box And Switch Therefor	US1989/00499	2/8/89		
	MP1239COM	WO	Telecommunication Terminal Block Or Adapter	US1989/00893	3/4/89		
	MP1240	WO	Telecommunications Terminal Block	US1989/00653	2/17/89		
	MP1243	WO	Cable Sealing Apparatus	US1989/01409	4/4/89		
	MP1254	WO	Optical Fiber Jaw Connector	US1989/01413	4/4/89		
	MP1258	WO	Splice Case	US1989/01798	4/26/89		
	MP1260	WO	Optical Fiber Termination Coating Dispenser	US1989/02197	5/19/89		
	MP1273	WO	Method Of Cable Sealing	US1989/03906	9/8/89		
	MP1275	WO	Rotary Connection Strain Relief On Terminal Block	US1989/04091	9/19/89		
	MP1276	WO	Environmental Control Liner For Splice Enclosure	US1989/04459	10/6/89		
	MP1277	WO	Telecommunications Pedestal Closure With Environmental Control Liner	US1989/04443	10/6/89		
	MP1286	WO	Coaxial Cable Connector	US1990/02737	5/15/90		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1293	WO	E-Z-On Connectors	US1990/03267	6/8/90		
	MP1317	WO	Telecommunications Terminal Housing & Method Of Encl A Telecomm Terminal Within A Minimum Clearance Opening Container	US1990/04650	8/17/90		
	MP1319	WO	Optical Fiber Connector Which Provides A High Signal Return Loss	US1990/04653	8/17/90		
	MP1326	WO	Circuit For The Transmission Of Optical Signals	US199007470	12/14/90		
	MP1340	WO	Optical Bypass Switch	US1990/07572	12/20/90		
	MP1345COM	WO	Binding Post For Wide Tolerance Caps	US1990/05386	9/21/90		
	MP1347	WO	Couplers For Terminating Optical Fiber Ends	US1991/02421	4/9/91		
	MP1348	WO	Modular Telecommunications Terminal Block	US1991/02022	3/26/91		
	MP1355	WO	Splice Case	US1992/00454	1/17/92		
	MP1374A	WO	Alarm And Test System For A Digital Added Mail Line	US1991/08045	10/30/91		
	MP1374A	WO	Alarm And Test System For A Digital Added Mail Line	US1991/05475	8/1/91		
	MP1391	WO	Environmental Antioxidant Wrap/Enclosure For An Aerial Cable Enclosure	US1991/07319	10/3/91		
	MP1398	WO	Optical Fiber Enclosure Including Novel Retaining Ring	US1992/02587	3/30/92		
	MP1403	WO	Ez Twist Consumer Type Connectors	US1992/02378	3/20/92		
	MP1404	WO	Hermaphroditic Gel Closure	US1992/02145	3/13/92		
	MP1405	WO	Multi-Gauge Waffle Rotary Connection	US1992/04109	5/15/92		
	MP1410	WO	Ruggedized Bypass Switch	US1992/03461	4/27/92		
	MP1412	WO	Hinged Gel-Filled Security And Environmental Protection Device	US1992/04789	6/8/92		
	MP1431	WO	Hybrid Fiber In The Loop Telephony System	US1993/01508	2/22/93		
	MP1432	WO	Low Temperature Expandable Gaskets	US1993/07416	8/6/93		
	MP1452	WO	Coaxial Cable Connection Protection System	US1993/06466	7/9/93		
	MP1461	WO	Coaxial Cable Connection Method And Device Using Oxide Inhibiting Sealant	US1993/11342	11/22/93		
	MP1468	WO	Optical Fiber Water Sensor	US1994/01262	2/3/94		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP1476	WO	Oval Port Seal	US1994/08240	7/21/94		
	MP1511	WO	Telecommunications Gas Tube Apparatus And Composition For Use Therewith	US1995/06867	5/30/95		
	MP1514	WO	Environmental Protection Device With Manually Operated Latch Mechanism	US1995/05962	5/17/95		
	MP1532	WO	Coaxial Cable Tap And Method Of Connecting To An Operational Coaxial Cable Without Interrupting Transmitted Signals	US1996/05674	4/23/96		
	MP1532	WO	Coaxial Cable Tap And Method Of Connecting To An Operational Coaxial Cable Without Interrupting Transmitted Signals	US1996/16803	10/21/96		
	MP1540	WO	Coaxial Cable Connector	US1995/16856	12/21/95		
	MP1541	WO	Locking Coaxial Cable Connector And Adaptor	US1995/16971	12/21/95		
	MP1620	WO	Coaxial Cable Connector	US1998/01378	1/23/98		
	MP1621	WO	Sealed Coaxial Cable Connector	US1998/05776	3/23/98		
	NC001	WO	Environmental Sealing	US1991/01705	3/14/91		
	NC003	WO	Cable Seal	US1992/03610	5/1/92		
	NC006	WO	Gas Tube Vent-Safe Device	US1993/06218	6/29/93		
	NC008	WO	Surge Arrestor Fail Safe Thermal Overload Mechanism	US1993/06361	6/29/93		
	NC009	WO	Connector Ground Clip	US1994/12386	10/28/94		
	NC010	WO	Enclosure Assembly For Telecommunication Cables	US1993/05742	6/15/93		
	NC011	WO	Telecommunications Network Interface Assembly	US1993/04427	5/11/93		
	NC013	WO	Bonding Assembly For Fiber Optic Cable And Associated Method	US1994/04198	4/15/94		
	NC017	WO	Fiber Optic Cable System Including Main And Drop Cables And Associated Fabrication Method	US1994/04197	4/15/94		
	NC021	WO	Rodent-Proof Aerial Splice Closure	US1995/02490	2/27/95		
	NC022	WO	Improved Idc Having Wire Slippage Control	US1997/14466	8/14/97		
	NC024	WO	Splice Closure For Buried Telecommunications Cables	US1996/15866	10/4/96		
	NC025	WO	Protected Telecommunications Terminal	US1995/09910	8/4/95		
	NC027	WO	Button Protection Device	US1996/03747	3/19/96		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	NC032	WO	System For Protecting Telecommunications Equipment From Transient Voltages	US2000/25005	9/13/00		
	NC037	WO	Hybrid Cable Splice Closure And Related Methods	US1999/10411	5/12/99		
	NC041	WO	Line Protector For A Communication Circuit	US2000/17890	6/28/00		
	NC042	WO	Fiber Optic Drop Splice Closure And Related Methods	US1999/11456	5/25/99		
	NC044	WO	Fiber Optic Splice Closure Including Side Pivoting Slack Storage Holder And Associated Methods	US1999/26832	11/12/99		
	NC045	WO	Fiber Optic Splice Closure Including End Pivoting Slack Storage Holder And Associated Methods	US1999/26829	11/12/99		
	NC046	WO	Fiber Optic Splice Organizer With Splicing Tray And Associated Method	US2000/07424	3/21/00		
	NC047	WO	Bulbous Configured Fiber Optic Splice Closure And Associated Method	US2000/08481	3/29/00		
	NC048	WO	Fiber Optic Splice Closure Including End Pivoting Slack Storage Holder With Adjustable Rear Wall And Associated Methods	US2000/08262	3/29/00		
	NC049	WO	Sealant-Filled Electrical Connector And Method For Forming The Same	US2000/18203	6/29/00		
	SG004	WO	Pressurized Telecommunications Cable Joint Heat Shrinkable Around Split Canister, To Form Hollow Cylinder	US1985/02113	10/25/85		
	TO-00330	WO	Fiber Optic Cable Systems and Methods for Forming the Same	US2012/021011	1/12/12		
02316.1991WO01	99-008	WO	Unit with wire termination and RJ style plug	PCT/EP2000/04882	5/29/00		
02316.2748WOU1	NT-00373	WO	Keying for MPO Systems	US2013/028287	2/28/13		
02316.3053WOU1	NC072	WO	Splitter Cabinet for Optical Fiber Network and Methods of Using Same	US2004/007932	3/16/04		
02316.3246WOU1	NT-00375	WO	Component Identification and Tracking System for Telecommunication Networks	US2012/038152	5/16/12		
02316.3339WOU1	NT-00368	WO	Broadband Radio Frequency Data Communication System Using Twisted Pair Wiring	US2012/059539	10/10/12		
02316.3346WOU1	TO-00409	WO	Optical Fiber Protective Tubing Assembly	US2013/035904	4/10/13		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3365WOU1	TO-00386	WO	HYBRID THERMOPLASTIC GELS AND THEIR METHODS OF MAKING	US2014/024869	3/12/14		
02316.3367WOU1	NT-00367	WO	Telecommunications Jack Having Offset Stop Latches and Panel Including the Same	US2012/070294	12/18/12		
02316.3413WOU1	TO-00509	WO	Optical Fiber Connection System Including Optical Fiber Alignment Device	EP2013/052345	2/6/13		
02316.3450WOU1	NT-00344	WO	Device and Method for Routing Cables	PCT/US2013/062229	9/27/13		
02316.3522WOU1	NT-00404	WO		US2014/021210	3/6/14		
02316.3689WOU1	TO-00640	WO	Fiber Optic Adapter	US2014/041102	6/5/14		
02316.37411WO01	NT-00342	WO	Release Tab for an Electrical Connector and Electrical Connector Comprising Said Release Tab	EP2012/052036	2/7/12		
02316.3753WO01	NT-00347	WO	RJ Type Connector Including a Disengagement Feature Action on the Latch of the Connector	EP2012/052039	2/7/12		
02316.3827WO01	NT-00317	WO	Electrical Connectors and Printed Circuits Having Broadside Coupling Regions	US2011/01341	7/29/11		
02316.3835WOU1	E-TO-00125	WO	Interface Module	US2007/21571	10/9/07		
02316.3844WO01	TO-00302	WO	Methods and Apparatus for Terminating Electrical Connectors to Cables	US2010/03163	12/14/10		
02316.3845WO01	18204	WO		US05/43403	11/29/05		
02316.3847WO01	TO-00295	WO	Electrical Connector Having An Electrically Parallel Compensation Region	US2010/02285	8/19/10		
02316.3848WO01	TO-00274	WO	Electrical Connector With Crosstalk Compensation	US2010/02279	8/19/10		
02316.3849WO01	TO-00272	WO	Electrical Connector with Separable Contacts	US2010/02278	8/19/10		
02316.3875WOU1	NT-00338	WO	Distribution Frame with Patch Cables	US2011/01002	6/2/11		
02316.3876WOI1	NT-00326	WO	Cable with Twisted Pairs of Insulated Conductors	US2012/044103	6/26/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3877WOU1		WO	TWISTED PAIR CABLE WITH SHIELDING ARRANGEMENT	PCT/US2015/037424	6/24/15		
02316.3878WO01	TY-00090	WO	Tool-Less Clamping Mechanism	US2012/039027	5/23/12		
02316.3879WO01	TY-00084	WO	Ferrule with Protruding Fibers	US2011/01479	8/23/11		
02316.3882WO01	E-TO-00009	WO	Electrical Connector with Crosstalk Compensation	US05/45750	12/16/05		
02316.3883WO01	E-TO-00028	WO	Duplex Plug Adapter Module	US06/16188	4/27/06		
02316.3884WO01	E-TO-00049	WO	Electrical Connector Adaptor with Strain Relief	US06/38284	10/2/06		
02316.3885WO01	NT-00315	WO	Mounting Feature for the Contact Array of an Electrical Connector	US2011/00023	1/6/11		
02316.3887WO01	E-TO-00088	WO	Receptacle with Crosstalk Optimizing Contact Array	US2007/06123	3/9/07		
02316.3888WO01	E-TO-00089	WO	Electrical Connector Having Staggered Contacts	US2007/11639	5/15/07		
02316.3889WO01	E-TO-00090	WO	Electrical Connector Having Contact Plates	US07/10188	4/26/07		
02316.3890WO01	NT-00318	WO	Plug Assembly	US2011/00040	1/10/11		
02316.3892WO01	TY-00101	WO	Cable Anchoring System	US2012/039029	5/23/12		
02316.3893WO01	E-TO-00161	WO	Method and Apparatus for Visual Indication in Cable Network Systems	US2008/010574	9/10/08		
02316.3894WOU1	E-TO-00162	WO	Module Assembly Having Interface Module and Insertable Modular Jack	US2008/09177	7/30/08		
02316.3895WO01	E-TO-00179	WO	Electrical Connector with Compensation Loops	US2009/02315	4/13/09		
02316.3901WOU1		WO	FIBER OPTIC CABLE RETENTION	PCT/US2015/034870	6/9/15		
02316.3904WO01	18147	WO	INTERFACE ADAPTER MODULE	US05/14294	4/26/05		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3905WOU1	18066	WO	OPTICAL FIBER CLAMPING ASSEMBLY	US04/21285	6/30/04		
02316.3909WO01	TO-00311	WO	A Panel Assembly For A Connectivity Management System	US2010/02037	7/20/10		
02316.3910WO01	TO-00275	WO	Faceplate Assembly And Label Cover	US2010/01807	6/23/10		
02316.3912WO01	E-TO-00215	WO	Sensor Strip for a Connectivity Management System	US2009/04579	8/11/09		
02316.3915WO01	E-TO-00205	WO	Electrical Connector With a Compliant Cable Strain Relief Element	US2009/03640	6/18/09		
02316.3916WO01	E-TO-00208	WO	Cabling Having Shielding Separators	US2009/02590	4/29/09		
02316.3918WO01	E-TO-00223	WO	Cassette for Use Within a Connectivity Management System	US2010/00564	2/24/10		
02316.3921WO01	E-TO-00182	WO	Electrical Connector with Compensation Component	US2009/003358	6/3/09		
02316.3922WO01	E-TO-00181	WO	Electrical Connector with Enhanced Back End Design	US2009/02376	4/16/09		
02316.3923WOU1	E-TO-00198	WO	Electrical Connector with Tethered Cover	US2008/13873	12/19/08		
02316.3924WO01	E-TO-00187	WO	Interface Module	US2009/001631	3/13/09		
02316.3964WOU1		WO	CAPACITIVE COMPENSATION	PCT/US2015/040364	7/14/15		
02316.3980WOU1	TO-00425	WO	Fiber Optic Adapters and Connector Devices with Mounting Features and Mounting Systems and Methods Including the Same	US2012/29008	3/14/12		
02316.3981WOU1	TO-00422	WO	Retainer Tab Assemblies and Slack Basket Systems, Fiber Optic Enclosures and Methods Including the Same	US2012/026523	2/24/12		
02316.3982WOU1	TO-00420	WO	Cable Strain Relief Clamping Devices and Methods for Using the Same	US2012/027171	3/1/12		
02316.3983WOU1	TO-00421	WO	Fiber Optic Splice Enclosures Having Interchangeable Endplate Assemblies and Methods Including the Same	US2012/026513	2/24/12		
02316.3984WO01	TO-00361	WO	Fiber Optic Enclosure Assemblies and Methods for Forming and Using the Same	US2012/028978	3/14/12		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.3985WOU1	TO-00365	WO	Cable Enclosure Systems, Plugs and Methods for Using the Same	US2011/040246	6/14/11		
02316.3986WOU1	TO-00266	WO	Fiber Optic Multi Dwelling Unit Deployment Apparatus and Methods for Using the Same	US2009/066953	12/7/09		
02316.3986WO01	E-TO-00180	WO	Electrical Connectors and Circuit Boards Having Non-Ohmic Plates	US2009/023700	4/16/09		
02316.3996WO01	NC014	WO	Telecommunications Terminal Block	US1994/039557	4/12/94		
02316.3998WO01	MP1492	WO	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	US1995/042901	4/6/95		
02316.3999WOI1	MP1374B	WO	Gel Filled Electrical Connector	US1992/104007	12/3/92		
02316.3999WOI2	MP1374C	WO	Gel Filled Modular Electrical Connecting Block	US1994/004117	1/12/94		
02316.4000WO01	NC004	WO	Telecommunications Terminal Block	US1992/084402	10/2/92		
02316.4026WO01	NC012	WO	Fiber Optic Splice Closure	US1993/112900	11/20/93		
02316.4029WO01	NC005	WO	Fiber Optic Splice Organizer And Associated Method	US1993/062169	6/29/93		
02316.4031WO01	NC007	WO	Apparatus And Method For Uniformly Irradiating A Strand	US1994/018444	2/25/94		
02316.4045WO01	E-TO-00027	WO	Optical Fiber Repair Apparatus with Adjustable Guide Member and Methods for Using the Same	US2006/011789	3/30/06		
02316.4051WO01	NC019	WO	Telecommunications Terminal	US1995/016301	2/7/95		
02316.4053WOU1	E-TO-00085	WO	Fiber Optic Splice Storage Apparatus and Methods for Using the Same	US2006/041290	10/23/06		
02316.4054WOU1	E-TO-00086	WO	Optical Fiber Clips, Random Access Management Systems Including Clips and Methods for Using the Same	US2006/041342	10/23/06		
02316.4055WOU1	E-TO-00092	WO	Optical Fiber Splicing Closures and Methods	US2006/046178	12/4/06		
02316.4058WO01	E-TO-00097	WO	Sealing Assemblies and Methods for Sealing an Elongate Member	US2008/002960	3/6/08		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.4064WOU1	E-TO-00147	WO	Multi-Drop Closure Systems and Methods for Fiber Optic Cabling	US2008/000820	1/29/08		
02316.4068WOU1	E-TO-00169	WO	Enhanced Telecommunication Signal Insertion Systems and Methods	US2008/011135	9/25/08		
02316.4070WOU1	E-TO-00174	WO	Sealing Assemblies for Elongate Members and Methods for Using the Same	US2008/010104	8/26/08		
02316.4071WOU1	E-TO-00175	WO	Methods for Accessing a Fiber within a Fiber Optic Cable to Splice thereto and Tools for Use with the Same	US2008/010048	8/25/08		
02316.4072WOU1	E-TO-00176	WO	Fiber Optic Cable Control Clips and Enclosure Assemblies and Methods Incorporating the Same	US2008/010103	8/26/08		
02316.4076WOU1	TO-00255	WO	Cable Strain Relief Clamping Devices and Methods for Using the Same	US2009/004929	8/31/09		
02316.4077WOU1	TO-00270	WO	Cable Clamping Devices and Methods for Using the Same	US2009/669500	12/7/09		
02316.4079WOU1	TO-00263	WO	Fiber Optic Connector Storage Apparatus and Methods for Using the Same	US2009/005845	10/28/09		
02316.4083WOU1	TO-00312	WO	Cutters for Accessing a Fiber Within a Fiber Optic Cable to Splice Thereto and Tools and Methods Using the Same	US2010/382555	6/11/10		
02316.4084WO01	TO-00382	WO	Thermoplastic Gel Sealants	US2011/057049	10/20/11		
02316.4086WO01	TO-00380	WO	Fiber Optic Component Holders and Enclosures and Methods Including the Same	US2012/288893	3/13/12		
02316.4123WO01	DC-01777	WO	Connector Body for Making Crimp-Less Fiber Optic Cable Connections	PCT/US2014/027842	3/14/14		
02316.4145WOU1		WO	OPTICAL FIBER CONNECTOR FOR MULTI-FIBER CABLE	PCT/US2015/039054	7/2/15		
02316.4158WOU1		WO	BLADED CHASSIS SYSTEMS	PCT/US2015/037187	6/23/15		
02316.4161WOU1		WO	FIBER CABLE FAN-OUT ASSEMBLY AND METHOD	PCT/US2015/037176	6/23/15		
02316.4162WOU1		WO	OPTICAL FERRULE FOR MULTI-FIBER CABLE AND HARDENED MULTI-FIBER OPTIC CONNECTOR THEREFORE	PCT/US2015/039350	7/7/15		
02316.4219WOU1		WO	INDEXING TERMINALS FOR SUPPORTING A BIDIRECTIONAL INDEXING ARCHITECTURE	PCT/US2015/038054	6/26/15		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
02316.4223WO01	TO-00286	WO	Cable With Twisted Pairs Of Insulated Conductors	US2011/00032	1/10/11		
02316.4236WO01	NC015	WO	Apparatus Comprising Inductive And/Or Power Transfer And/Or Voltage Multiplication Components	US1996/05036	4/11/96		
02316.4237WO01	NC016	WO	Fiber Optic Splice Closure And Associated Methods	US1994/04232	4/18/94		
02316.4239WOI1	MP1493	WO	Aerial, Pedestal, Below Grade, Or Buried Optical Fiber Closure	US1995/00960	1/23/95		
100.0047/01		WO	CELLULAR RADIO SYSTEM WITH CENTRALIZED LOCATED BASE STATIONS AND DISTRIBUTED ANTENNA UNITS	US94/05897	5/25/94		
100.0070/01		WO	COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT	US97/01444	1/24/97		
100.1204WO01	NT-00413	WO	Secure Physical Layer Management	US2013/49833	7/10/13		
100.1240WO01	NT-00388	WO	Method of Capturing Information About a Rack and Equipment Installed Therein	US2013/50059	7/11/13		
100.1242WO01	NT-00412	WO	Distributed Antenna Systems with Managed Connectivity	PCT/US2013/050008	7/11/13		
100.1243WO01	NT-00411	WO	Heterogeneous and/or Hosted Physical Layer Management System	US2013/050067	7/11/13		
100.1302WO01		WO	DISTRIBUTED ANTENNA SYSTEM TO TRANSPORT FIRST CELLULAR RF BAND CONCURRENTLY WITH ETHERNET OR SECOND CELLULAR RF BAND	PCT/US2015/043012	7/30/15		
100.1304WO01		WO	BITRATE EFFICIENT TRANSPORT THROUGH DISTRIBUTED ANTENNA SYSTEMS	PCT/US2015/035364	6/11/15		
100.1321WO01		WO	BITRATE EFFICIENT TRANSPORT THROUGH DISTRIBUTED ANTENNA SYSTEMS	PCT/US2015/035380	6/11/15		
2316.1006/01		WO	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	US00/00053	1/3/00		
2316.1007/I1		WO	TELECOMMUNICATIONS JACK ASSEMBLY	US00/00062	1/4/00		
2316.1011/I2		WO	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	US00/03968	2/16/00		
2316.1011/I4		WO	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	US00/14561	5/25/00		
2316.1011/I5		WO	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	US01/43260	11/19/01		
2316.1066/I1		WO	CABLE MANAGEMENT PANEL WITH SLIDING DRAWER	US01/26185	8/22/01		
2316.1403/01		WO	CABLE CLIP WITH SEGREGATOR AND METHOD	US02/08165	3/13/02		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.1405/01		WO	CABLE ROUTING CLIP	US02/07908	3/13/02		
2316.1411/01		WO	TELECOMMUNICATIONS CHASSIS AND CARD WITH FLAME SPREAD CONTAINMENT- (T1 High Density IOR & BOR)	US02/06167	2/27/02		
2316.1411/I1		WO	TELECOMMUNICATIONS CHASSIS AND CARD WITH FLAME SPREAD CONTAINMENT- (T1 High Density IOR)	US02/09557	3/26/02		
2316.1411/I2		WO	TELECOMMUNICATIONS CHASSIS AND CARD WITH FLAME SPREAD CONTAINMENT- (T1 High Density BOR)	US02/12982	4/23/02		
2316.1662/I1		WO	EMI SHIELDED MODULE	US03/007256	3/7/03		
2316.1687/I1		WO	COUPLER FOR CABLE TROUGH	US03/09067	3/21/03		
2316.1797/U1		WO	SYSTEM AND METHOD FOR PROCESSING FIBER OPTIC CONNECTORS	US05/020074	6/6/05		
2316.1834/I1		WO	PATCH PANEL WITH MODULES	US2005/006988	3/2/05		
2316.1838/P2		WO	FIBER ACCESS TERMINAL	US2005/007695	3/8/05		
2316.1890/I1		WO	METHODS AND SYSTEMS FOR POSITIONING CONNECTORS TO MINIMIZE ALIEN CROSSTALK	US2005/005436	2/18/05		
2316.1904/01		WO	CROSS-CONNECT SYSTEM	US94/09140	8/23/94		
2316.1904/I1		WO	Cross-connect method and apparatus	US96/03301	3/19/96		
2316.1904/I2		WO	Method and apparatus for a cross-connect system with automatic facility information transference to a remote location	US97/00297	1/23/97		
2316.1910/WO		WO	Communication wire	US03/028040	9/8/03		
2316.2275/P1		WO	FIBER OPTIC CABLE BREAKOUT SYSTEM, PACKAGING ARRANGEMENT, AND METHOD OF INSTALLATION	PCT/US2006/043854	11/10/06		
2316.2295/I1		WO	SYSTEMS AND METHODS OF FIBER DISTRIBUTION AND MANAGEMENT	US04/38303	11/17/04		
2316.2298/U1		WO	FIBER DROP TERMINAL	US2005/040041	11/2/05		
2316.2299/P1		WO	FIBER BREAKOUT WITH INTEGRAL CONNECTOR	US2006/014751	4/19/06		
2316.2299/P2		WO	LOOPBACK PLUG AND METHOD	US2006/014581	4/19/06		
2316.2316/U1		WO	FIBER OPTIC CABLE BREAKOUT CONFIGURATION WITH RETENTION BLOCK	US07/005836	3/6/07		
2316.2316/U2		WO	FIBER OPTIC CABLE BREAKOUT CONFIGURATION WITH EXCESS FIBER LENGTH	US07/005,828	3/6/07		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2316/U3		WO	FIBER OPTIC CABLE BREAKOUT CONFIGURATION WITH "Y" BLOCK	PCT/US2007/005832	3/6/07		
2316.2336/01		WO	FIBER DISTRIBUTION HUB WITH SWING FRAME AND MODULAR TERMINATION PANELS	US07/003,273	2/7/07		
2316.2336/P1		WO	FIBER DISTRIBUTION HUB WITH OUTSIDE ACCESSIBLE GROUNDING TERMINALS	US07/003,298	2/7/07		
2316.2358/U1		WO	Telecommunications Device Having Distribution Units Arranged in Block Configuration	US07/005,939	3/7/07		
2316.2358/U2		WO	CROSS-CONNECT DISTRIBUTION UNIT	US07/005,872	3/7/07		
2316.2358/U3		WO	Control Method for a Telecommunication Distribution System	US07/005,955	3/7/07		
2316.2358/U4		WO	Telecommunications Distribution System with Line Sharing	PCT/US2007/005727	3/7/07		
2316.2467/01		WO	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	PCT/US2007/085691	11/28/07		
2316.2467/01		WO	FIBER CONNECTOR SYSTEM AND METHOD	PCT/US2007/085923	11/29/07		
2316.2467/I1		WO	HYBRID FIBER/COPPER CONNECTOR SYSTEM AND METHOD	PCT/US2007/085693	11/28/07		
2316.2584/P1		WO	FIBER OPTIC ENCLOSURE WITH EXTERNAL CABLE SPOOL	PCT/US2008/062764	5/6/08		
2316.2584/P2		WO	FIBER OPTIC ENCLOSURE WITH INTERNAL CABLE SPOOL	PCT/US2008/072218	8/5/08		
2316.2584/P4		WO	FIBER OPTIC ENCLOSURE WITH TEAR-AWAY SPOOL	PCT/US2008/075196	9/4/08		
2316.3345EPWO	TO-00482	WO	Hybrid Thermoplastic Gels and their Method of Making	PCT/US2013/52844	7/31/13		
2316.3463WOU1	NT-00386	WO	ELECTRICAL CONNECTOR WITH MULTIPLE CONTACT ARRAY MATERIALS	PCT/US2014/017598	2/21/14		
2316.3542WOU1	NT-00391	WO	NETWORK SYSTEM FOR CONFIGURABLE DELIVERY OF COMBINED POWER AND DATA SIGNALS OVER TWISTED PAIR WIRING	PCT/US2014/017764	2/21/14		
2316.3609WOU1	TO-00582	WO	OPTICAL CONNECTIONS SYSTEM AND METHODS FOR POSITIONING AN OPTICAL FIBER WITHIN AN ALIGNMENT DEVICE	US2014/057313	9/24/14		
2316.3706/P1		WO	TELECOMMUNICATIONS CHASSIS	PCT/EP2014/070125	9/22/14		
5487.149.wo	NC074	WO	Toggle Type Telecommunications Terminal Blocks Including a Travel Limit Member	US2004/032946	10/7/04		
5487.228.WO	E-TO-00043	WO	Sealing Assemblies and Methods for Sealing an Elongate Member	US2006/012992	4/6/06		
5487.31.WO	NC036	WO	Telephone Subscriber Line Module	US1998/19969	9/25/98		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
5487.81.WO	NC056	WO	Terminal Blocks And Methods For Making And Breaking Connections In A Telecommunications Conductor	US2001/21926	7/11/01		
5487-136WO	NC066	WO	Connector Assembly for Use with Connector Plug	US2003/08243	3/13/03		
5487-139	NC071	WO	Toggle Type Telecommunications Terminal Blocks	US2004/010553	4/6/04		
5487-316-WO	TO-00394	WO	Hanger Assemblies and Cabling Management Systems and Methods Including the Same	US2012/020431	1/6/12		
T6606-PCT	TO-00404	WO		US2012/024183	2/7/12		
T6607-PCT	TO-00402	WO	Portable Device for Attaching a Connector to an Optical Fiber	US2012/024189	2/7/12		
TY-00317		WO	HANDS-FREE ASSET IDENTIFICATION, LOCATION AND MANAGEMENT SYSTEM	PCT/US2015/029677	5/7/15		
13621		WO	LOCAL AREA NETWORK INTERFACE	US87/01405	6/11/87		
14000		WO	LAN COMMUNICATION SYSTEM AND MEDIUM ADAPTER FOR USE THEREWITH-Communication	US88/00854	3/21/88		
14764		WO	INSULATION DISPLACING BARREL TERMINAL	US92/08536	7/7/93		
15371		WO	METHOD AND APPARATUS FOR TERMINATING A FIBER OPTIC CABLE WITHOUT ADHESIVE	US90/03964	7/11/90		
15544		WO	OVERMOLD STRAIN RELIEF AND SNAG PREVENTION FEATURE	US95/08783	7/14/95		
15700		WO	NETWORK INTERFACE DEVICE MODULE PROVIDING SEALED CUSTOMER ACCESSIBLE TEST PORT	US95/01802	2/13/95		
15872		WO	AN ELECTRICAL CONNECTOR AND AN ASSOCIATED METHOD FOR COMPENSATING FOR CROSSTALK BETWEEN A PLURALITY OF CONDUCTORS	US96/04628	4/4/96		
15925		WO	LOW PROFILE MIXED MEDIA INFORMATION OUTLET	US95/15970	12/11/95		
15926		WO	OVERMOLDED FIBER OPTIC CONNECTOR FERRULE CAPILLARY HAVING OCTAGONAL COLLAR	US96/02893	2/29/96		
16002		WO	PEDESTAL FOR FIBER OPTIC CABLE	US95/14404	11/16/95		
16007		WO	CROSS CONNECTION MODULE PROVIDING FOR UNINTERRUPTED TRANSMISSION DURING SERVICING	US95/10611	8/18/95		
16012		WO	DIVERGENT LOAD BAR	US95/11270	9/8/95		
16015		WO	STAGGERED TERMINAL ARRAY FOR MOD PLUG	US95/15162	11/21/95		
16120		WO	MODULAR JACK SUBASSEMBLY FOR USE IN A NETWORK OUTLET	US96/12688	8/5/96		
16121		WO	WIRE CONNECTING SYSTEM	US96/04629	4/4/96		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
16135		WO	HIGH DENSITY FIBER OPTIC INTERCONNECTION ENCLOSURE	US96/04627	4/4/96		
16167		WO	ADD-ON MTU ASSEMBLY FOR USE IN A TELEPHONE SUBSCRIBER JUNCTION BOX	US96/00536	1/17/96		
16184		WO	STRAIN RELIEVING HOLDER FOR OPTICAL FIBER CABLE	US96/07081	5/15/96		
16185		WO	ENCLOSURE FOR SPLICED CABLE	US96/12216	7/24/96		
16194		WO	PATCH CARD ASSEMBLY	US96/10995	6/27/96		
16196		WO	WIRE STUFFER CAP/STRAIN RELIEF FOR COMMUNICATION NETWORK OUTLET	US96/15296	9/25/96		
16410		WO	WIRE CARRIER FOR ELECTRICAL CONNECTOR MODULE	US96/19649	12/12/96		
16439		WO	WIRE CARRIER FOR ELECTRICAL CONNECTOR MODULE	US97/05281	3/6/97		
16446		WO	PATCH PANEL HAVING SNAP TOGETHER CONSTRUCTION	US97/08591	5/21/97		
16463		WO	NON-OHMIC ENERGY COUPLING FOR CROSSTALK REDUCTION	US97/02730	2/26/97		
16469		WO	OPTICAL FIBER CONNECTOR	US97/17779	10/2/97		
16601		WO	GROMMET FOR A FIBER OPTIC ENCLOSURE	US97/07096	4/28/97		
16634		WO	MECHANICAL CONNECTOR SPLICE FOR CABLE	US97/11055	6/24/97		
16654		WO	COMMUNICATIONS OUTLET HAVING TERMINATION AID PLATFORM	US97/13406	7/29/97		
16679		WO	ELECTRICAL CONNECTOR WITH PAIRED TERMINALS	US97/17243	9/25/97		
16749		WO	ELECTRICAL OUTLET HAVING PANEL MOUNT LATCHES	US98/03549	2/24/98		
16795		WO	NETWORK INTERFACE MODULE	US98/01870	1/30/98		
16980		WO	HOUSING FOR OPTICAL FIBRES	AU93/00119	3/24/93		
17123		WO	MULTIPLE FIBER SPLICE ELEMENT AND CONNECTOR	US99/25107	10/26/99		
17153		WO	MULTI CHANNEL FIBER OPTIC CONNECTOR WITH SINGLE ATTACHED LAT CH	US99/08541	4/16/99		
40363		WO	MODULAR PLUG FOR HIGH SPEED DATA TRANSMISSION	IB96/00447	5/14/96		
40377		WO	WIRE CUTTING ELECTRICAL CONNECTOR HAVING TEST PROBE ACCESS	IB96/00481	5/22/96		
40427		WO	SEALED SPLICING CONNECTOR	IB96/01010	9/30/96		
40581		WO	SPLICE HEAD FOR TELECOMMUNICATIONS CONNECTORS	IB97/01350	10/28/97		
40708		WO	DISTRIBTUION AND INTERCONNECTION ASSEMBLY FOR COMMUNICATIONS WIRES	IB98/01070	7/15/98		
68016		WO	FIBER OPTIC ATTENUATOR	US93/02130	3/8/93		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
TO-00559		WO	Cable Management System including Splitter/Filter Tray	EP2013/064175	7/4/13		
WR122		WO	Heat Shrinkable Horseshoes	EP89/01121	9/26/89		
WR137		WO	Connection To Terminal Plate. Similarity To D. Terminator	GB91/00584	4/12/91		
WR140		WO	Mechanical Radi Seal	GB91/01561	9/12/91		
WR142		WO		GB91/02095	11/27/91		
WR143		WO		GB92/00467	3/16/92		
WR146		WO	Modified Ezf Connector	GB92/02103	11/13/92		
WR147		WO	Modified Ezam Cable Duct Seal For Vault Closure	GB93/00117	1/20/93		
WR148		WO	Hand Operated Multiple Wire Connector With Guide Slots	GB93/00293	2/12/93		
WR150		WO		GB93/00387	2/25/93		
WR151		WO		GB92/02350	12/18/92		
WR155		WO	Silicone Rubber Seal For Box	GB93/01705	8/11/93		
WR156		WO	Side Inserted Strain Relief Clamps For Base Of Radial Distributio Closure	GB93/01942	9/14/93		
WR159		WO	Uteic With Ports For In-Line Or Butt Connection	GB94/00351	2/23/94		
WR160		WO	Catv Splitter With Variable Attenuation	GB94/00023	1/6/94		
WR161		WO	Uteic With Stack Of Trays	GB94/01441	7/4/94		
WR163		WO	Uteic With Dust Flap	GB94/01482	7/8/94		
WR164		WO	Uteic Cable Gripper With Self-Centring	GB94/00024	1/6/94		
WR165		WO	Catv Box For In-Line/Butt Connection	GB94/01838	8/23/94		
WR166		WO	Shaped Silicone Rubber Seal For Uteic Closure	GB94/01839	8/23/94		
WR167		WO		GB94/02082	9/26/94		
WR168		WO		GB94/02362	10/27/94		
WR171		WO	Catv Tap With Switch	GB95/02302	9/26/95		
WR172		WO	Catv Tap With Power Tap-Off	GB95/02303	9/26/95		
	00-007	YU	Electrical connector with spaced contact portions	P-805/02	4/25/01		
	75-118	YU		P-76-1589	6/29/76	37414	9/9/85
	87-077	YU	Device for holding connector banks in telecommunication systems	P-1480/88	8/1/88	47198	6/19/95
	88-088	YU	Protective plug for connector or disconnector banks	P-378/89	2/20/89	46633	12/20/94
	88-092	YU		P-1958/88	10/19/88		
	88-095	YU	Contact member of electrical conductors	P-89-1371	7/10/89	47742	10/26/99
	90-006	YU	Connecting block for the telecommunication and data technology	P 406/91	3/7/91		
	90-011	YU	Terminal block for telecommunications systems	P-91-513	3/22/91		
	90-012	YU	Cutting Clamping Contact	P839/91	5/14/91		
	90-015	YU	Protective circuit and protective device plug for telecommunication installations	P-91-1377	8/9/91		

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	91-014	YU	Cutting and clamping sleeve contact	P-92-0814	9/4/92		
	91-022	YU	Switching assembly for glass fibre cables of the telecommunication and data technology	P-92-0873	9/28/92		
	95-013	YU	Termination device for the telecommunication and data technique	P-96-0526	9/26/96		
	95-019	YU	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	P-96-0527	9/26/96		
	96-002	YU	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	P-97-0091	3/12/97		
	96-011	YU	High density high performance connector	P-97-0210	5/22/97		
	96-013	YU	Connecting terminal	P-406/97	10/13/97		
	96-018	YU	Clamping device	P-97-0456	11/20/97		
	96-019	YU	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	P-97-0480	12/9/97		
	97-002	YU	Outdoor housing	P-96/98	3/6/98		
	97-008	YU	Arrangement of contact pairs for compensation of near-end crosstalk	P-98-0089	3/5/98		
	97-012	YU	Distribution block for telecommunication and data technology	P-103/98	3/10/98		
	97-013	YU	Stationary housing with wall elements made of plastic	P-110/98	3/12/98		
	97-016	YU	Overvoltage protection module	P-203/98	5/8/98		
	97-018	YU	Overvoltage protection plug with fail-safe device	P-233/98	5/29/98	48924	
	98-002	YU	Support body for an electrical contact arrangement	P-479/00	1/21/99		
	98-022	YU	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-024	YU	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	MP1064	YU	Optical Fiber Distribution Network	P-1221/86	7/9/86		
100.0414		ZA	SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DIGITAL SUBSCRIBER LINE (DSL) TELECOMMUNICATIONS CONNECTIONS	2002/5390	12/14/00		
100.1239		ZA	PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE	2014/09366	6/25/13		
2316.0172		ZA	OPTICAL SWITCH	89/2951	4/21/89	89/2951	2/28/90

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.0691		ZA	SWITCHING COAX JACK DEVICE	982,747	4/1/98	98/2747	11/24/99
2316.0786		ZA	FIBER CONNECTOR AND ADAPTER	98/4210	5/19/98	98/4210	12/29/99
2316.0786		ZA	FIBER CONNECTOR AND ADAPTER	2001/1986	9/1/99	2001/1986	4/24/02
2316.0926		ZA	OUTSIDE PLANT FIBER DISTRIBUTION APPARATUS AND METHOD	2001/0762	7/26/99		
2316.0951		ZA	FIBER OPTIC ADAPTER, INCLUDING HYBRID CONNECTOR SYSTEM	2001/4285	11/10/99		
2316.0960		ZA	FIBER OPTIC MODULE	2001/0516	7/14/99		
2316.0974		ZA	FIBER OPTIC CABINET AND TRAY	2001/2712	8/25/99	2001/2712	7/31/02
2316.1051		ZA	HIGH DENSITY PATCHING SYSTEM	2001/8799	4/11/00	2001/8799	4/30/03
2316.1737		ZA	10/100 MBS NETWORK DEVICE	2006/3145	9/21/04	063145	10/31/07
2316.1832		ZA	WDM SYSTEMS AND METHODS (CWDM)	2006/8113	2/25/05	608113	5/28/08
2316.1888		ZA	CABLE UTILIZING VARYING LAY LENGTH MECHANISMS TO MINIMIZE ALIEN CROSSTALK	2006/4342	10/14/04	064342	6/25/08
2316.1888		ZA	CABLE WITH OFFSET FILLER	2006/4343	10/14/04	064343	11/28/07
2316.1889		ZA	METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS	2006/7775	2/18/05	607775	5/28/08
2316.1892		ZA	Cable with twisting filler and shared sheath	2003/8025	4/16/02		
2316.1906		ZA	Cable with twisting filler	2001/0842	8/6/99		
2316.2290		ZA	TELECOMMUNICATIONS PATCH PANEL	2009/0442	6/5/07	2009/0442	1/27/10
2316.2396		ZA	MULTI-PAIR CABLE WITH VARYING LAY LENGTH	2009/0410	6/6/07	2009/0410	3/31/10
2316.2397		ZA	THREADED CONNECTOR AND PATCH CORD HAVING A THREADED CONNECTOR	2009/2077	8/21/07	2009/2077	4/28/10
2316.2443		ZA	Staggered Plastic Patch Panel with Upgrade features for conversion to Physical Layer Management	2009/3156	10/10/07	2009/3156	4/28/10
2316.2665		ZA	Asymmetric Compensation for Improved Alien Crosstalk Performance	2010/5717	2/12/09	2010/5717	4/28/11
2316.2666		ZA	Improved Far End Crosstalk Compensation	2010/5718	2/12/09	2010/05718	10/26/11
2316.2729		ZA	BULKHEAD WITH ANGLED OPENINGS AND METHOD	2010/7631	3/16/09	2010/7631	8/31/11
2316.2743		ZA	REAR LATCH ARRANGEMENT FOR SLIDING DRAWER	2010/7632	3/17/09	2010/7632	8/31/11
2316.2863		ZA	Telecommunications Jack with Adjustable Crosstalk Compensation	2011/4595	11/25/09	2011/4595	3/28/12

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
2316.2949		ZA	RAPID UNIVERSAL RACK MOUNT DRAWER	2012/1201	7/21/10	2012/1201	10/31/12
2316.3207		ZA	FIBER OPTIC CASSETTE, SYSTEM, AND METHOD	2014/3213	10/5/12		
2316.3395		ZA	Fiber Optic Connector, Fiber Optic Connector and Cable Assembly, and Methods for Manufacturing	2014/06828	2/20/13		
2316.3399		ZA	FIBER OPTIC ADAPTER BLOCK				
2316.3446		ZA	DEPLOYING OPTICAL FIBERS USING INDEXING TERMINALS				
2316.3448		ZA	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	2014/9208	5/17/13		
2316.3528		ZA	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES				
2316.3528		ZA	CONNECTORS AND ADAPTERS WITH AUTO-LATCHING FEATURES	2015/00217	7/10/13		
2316.3554		ZA	FIBER OPTIC CASSETTE	2015/02421	9/25/13		
2316.3555		ZA	MANUFACTURE AND TESTING OF FIBER OPTIC CASSETTE	2015/02422	9/25/13		
2316.3597		ZA	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
2316.3625		ZA	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
2316.3627		ZA	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
	00-018	ZA	Plastic patch panel	2003/2335	9/24/01	2003/2335	5/26/04
	01-004	ZA	Universal adapter	2004/1398	7/27/02	2004/1398	2/23/05
	03-002	ZA	Method for RF matching of an electrical arrangement, as well as a printed circuit board which is suitable for this purpose	2005/7268	2/27/04	2005/7268	6/28/06
	05-013	ZA	Mounting apparatus for line and plug-in connecting elements	2008/01499	8/4/06	2008/01499	1/14/09
	06-016	ZA	Connecting element for communication and data technology	2009/2853	7/18/07	2009/2853	2/24/10
	07-004	ZA	Terminal block	2009/4964	12/13/07	2009/4964	4/28/10
	08-030	ZA	Apparatus for accommodating components from telecommunications and data technology	2011/03871	10/27/09	2011/03871	2/29/12
	09-001	ZA	Telecommunications Connector	2011/06034	1/8/10	2011/6034	4/25/12
	09-003	ZA	Overvoltage protection magazine or plug and method for the production of an overvoltage protection magazine or plug	2011/06254	12/18/09	2011/06254	4/25/12
	09-008	ZA	Patch panel for an optical distribution frame	2011/6761	12/16/09	2011/6761	5/30/12
	09-018	ZA	Distribution strip	2012/4789	6/17/10	2012/4789	5/29/13

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	11-005	ZA	Distribution connection module	2013/09279	12/2/11		
	11-007	ZA	Distribution strip and distribution block comprising at least two distribution strips	2013/09442	3/28/12		
	NC009	ZA	Connector Ground Clip	94/8516			
	MP1492	ZA	Sealed Electronic Packaging For Environmental Protection Of Active Electronics	95/2562	3/29/95	2562	2/28/96
	MP0192	ZA	Heat-Recoverable Article With Self-Contained Heater	75/6136	9/26/75	756136	1/5/77
	MP0790COM	ZA	Thermoweave	84/0134 8	1/6/84	84/0134	8/28/85
	MP1086	ZA	Devices Comprising PTC Conductive Polymers	86/7571	10/3/86	86/7571	6/24/87
	MP1508	ZA	Solid State, Resettable Overcurrent Protection Device	95/9257	11/2/95	95/9257	8/30/96
	SG002	ZA	Heat Shrinkable Wrap Around Closure	0712	2/16/79	7900712	2/17/80
	07-036	ZA	Distribution cabinet with a plurality of inner bodies	2009/06285	3/13/08	2009/06285	4/28/10
	00-007	ZA	Electrical connector with spaced contact portions	2002/8644	4/25/01	2002/8644	7/30/03
	00-012	ZA	Assembly and method for use in terminating an optical fiber or fibers	2002/10045	6/11/01	2002/10045	12/31/03
	00-015	ZA	Electrical Connector	2003/1221	7/26/01	2003/1221	5/26/04
	00-019	ZA	Optical Fibre Connection Housing	2003/2337	9/24/01	2003/2337	5/26/04
	03-006	ZA	Distribution board connection module	2006/1687	8/12/04	2006/1687	4/25/07
	03-009	ZA	Wall outlet box	2006/3328	10/8/04	2006/3328	3/28/07
	04-004	ZA	Connection module for telecommunications and data technology	2007/1988	8/30/05	2007/1988	8/27/08
	05-005	ZA	Plug connection	2007/8351	3/1/06	2007/8351	11/26/08
	06-007	ZA	Symmetrical data cable for communications and data engineering Symmetrical data cable for communications and data engineering	2009/1385	7/18/07	2009/01385	10/27/10
	06-009	ZA	Connector Block	2009/1267	7/18/07	2009/1267	3/21/10
	06-010	ZA	Connector Block	2009/1266	7/18/07	2009/1266	2/24/10
	07-025	ZA	Connecting strip and contact element for telecommunications and data technology	2009/8614	5/16/08	2009/08614	9/29/10
	09-005	ZA	Strain relief device	2011/6531	12/16/09	2011/6531	5/30/12
	11-014	ZA	Surface-Mountable Enclosure		7/26/12		
	4935	ZA	MODULAR TELEPHONE PLUG	833702	5/23/83	833702	7/25/84
	80-129	ZA	A twin contact terminal element	81/1002	2/16/81	81/1002	3/31/82

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	80-132	ZA	A self supporting terminal element	81/1103	2/19/81	81/1103	3/31/82
	81-135	ZA	Device for making a solderless, non-screwed and unstripped single or multiple contact at a terminal element.	82/6028	8/19/82	82/6028	7/27/83
	82-030	ZA	Modular plug connector	82/8714	11/26/82	82/8714	9/28/83
	82-035	ZA	Terminal element for cable wires and drop wire cables	83/1816	3/16/83	83/1816	12/28/83
	83-140	ZA	A cable distribution head	84/0964	2/9/84	84/0964	9/26/84
	84-147	ZA	Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air cap for terminating communication cables and dropwire cables	84/5672	7/23/84	84/5672	3/27/85
	85-003	ZA		86/04500	6/17/86		
	86-019	ZA	Connector bank for cable wires, in particular for telephone cables	87/03070	4/29/87	87/03070	12/30/87
	86-064	ZA	A casing, particulary a junction-box casing for telecommunications engineering	87/05167	7/15/87	87/05167	4/27/88
	86-066	ZA	Cutting/clamping terminal element for electrical conductors	87/08299	11/5/87	87/08299	7/27/88
	86-069	ZA	Device for connecting cable wires to cutting/clamping contacts of dropwire connector banks of telecommunication systems	87/09038	12/2/87	87/9038	7/27/88
	87-075	ZA	Connector bank for telecommunication devices	88/05758	8/5/88	88/05758	4/26/89
	87-077	ZA	Device for holding connector banks in telecommunication systems	88/06150	8/19/88	88/6150	4/25/90
	87-166	ZA	Terminal unit for cable pairs in Telecommunication systems	88/03937	6/3/88	88/03937	2/22/89
	88-006	ZA		88/02756	4/20/88	88/2756	12/28/88
	88-086	ZA	Tool for connecting cable wires	89/00844	2/3/89	89/00844	10/25/89
	88-088	ZA	Protective plug for connector or disconnector banks	89/00510	1/23/89	89/00510	10/25/89
	88-092	ZA		88/07786	10/19/88		
	88-095	ZA	Contact member of electrical conductors	89/07199	9/21/89	89/07199	7/25/90
	89-006	ZA	Connector banks with voltage surge protection	90/03932	3/12/92	90/03932	3/27/91
	90-006	ZA	Connecting block for the telecommunication and data technology	91/01828	3/12/92	91/01828	12/24/91
	90-012	ZA	Cutting Clamping Contact	91/04124	5/30/91	91/04124	3/25/92
	90-015	ZA	Protective circuit and protective device plug for telecommunication installations	91/06369	8/13/91	91/06369	4/29/92

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	91-014	ZA	Cutting and clamping sleeve contact	92/05683	7/29/92	05683	4/28/93
	92-003	ZA	Distribution Rack	93/00968	2/12/93	93/00968	11/24/93
	92-004	ZA	Case, in particular cable branching case	93/01358	2/26/93	93/01358	11/24/94
	92-006	ZA	Cutting and clamping Terminal Element	93/01502	3/3/93	93/01502	11/30/94
	92-013	ZA	Protective plug for terminal and disconnect blocks of the telecommunication and data technique	93/05461	7/29/93	93/05461	4/26/95
	92-026	ZA	Method and arrangement for establishing networks of electro-optical display-field modules	93/09650	12/23/93	93/09650	8/30/95
	93-020	ZA	Termination module	94/04631	6/29/93	94/04631	2/28/96
	93-023	ZA	Connection block for high speed transmission in the telecommunication and data system	94/03974	6/7/94	94/03974	2/28/96
	93-040	ZA	Process for reducing the tearability of a thermally shrinkable web			PA 94/2817	
	94-007	ZA	Insulation displacement contact element	94/8678	11/3/94	94/8678	9/27/95
	94-012	ZA	Obliquely disposed insulation displacement contact	95/02550	3/28/95	95/02550	11/27/96
	94-015	ZA	Housing for optical components	95/03335	4/25/95	95/03335	12/18/96
	94-025	ZA	Printed Circuit Board for Connectors	95/06630	8/8/95	95/06630	4/30/97
	94-031	ZA	Protection plug	95/08211	9/29/95	95/08211	6/25/97
	94-035	ZA	Mounting device for RJ connection elements of the Communication and Data Technique (Patch panel)	95/06006	7/19/95	95/06006	3/26/97
	95-010	ZA	Electrical Connector	96/07136	8/22/96	96/07136	4/29/98
	95-013	ZA	Termination device for the telecommunication and data technique	96/08128	9/27/96	96/08128	6/24/98
	95-019	ZA	Earthing bracket, in particular for use in a connecting device for the telecommuniccation and data technique	96/08129	9/27/96	96/08129	6/24/98
	96-001	ZA	Electronic access control and security system	97/01980	3/7/97	97/01980	11/25/98
	96-002	ZA	Printed-circuit board and method for the precise assembly and soldering of electronic components on the surface of the printed-circuit board	97/02269	3/17/97	97/02269	11/25/98
	96-005	ZA	Management-capable splice cassette	97/02222	3/14/97	97/02222	1/27/99
	96-011	ZA	High density high performance connector	97/04408	5/21/97	97/04408	1/27/99
	96-013	ZA	Connecting terminal	97/09176	10/14/97	97/09176	6/30/99

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	96-018	ZA	Clamping device	97/10497	11/21/97	97/10497	7/28/99
	96-019	ZA	Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk	97/11019	12/9/97	97/11019	8/31/99
	96-020	ZA	Terminal, isolating or connecting strip	97/10978	12/8/97	97/10978	8/31/99
	97-002	ZA	Outdoor housing	98/01914	3/6/98		
	97-003	ZA	Protection Plug	98/01656	2/27/98	98/01656	11/24/99
	97-008	ZA	Arrangement of contact pairs for compensation of near-end crosstalk	98/01818	3/4/98		
	97-012	ZA	Distribution block for telecommunication and data technology	98/01954	3/9/98	98/01954	11/24/99
	97-013	ZA	Stationary housing with wall elements made of plastic	98/02039	3/11/98	98/02039	11/24/99
	97-016	ZA	Overvoltage protection module	98/03898	5/8/98	98/03898	1/26/00
	97-018	ZA	Overvoltage protection plug with fail-safe device	98/04608	5/29/98	98/04608	2/23/00
	97-032	ZA	Patch Panel with retractable patch cord	98/11936	12/30/98	98/11936	9/27/00
	98-001	ZA	Optical fibre connector	98/11697	12/21/98	98/11697	8/30/00
	98-002	ZA	Support body for an electrical contact arrangement	99/00595	1/27/99		
	98-013	ZA	Arrangement of contact pairs for compensating near-end crosstalk for an electric plug connection	2000/06510	5/12/99	2000/6510	8/29/01
	98-022	ZA	Cable manager for multi-core cable	PCT/EP99/05831	8/10/99		
	98-024	ZA	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		
	98-025	ZA	Shielding device for connection strips in telecommunications and data engineering	2001/04157	10/14/99		
	99-002	ZA	Surge arrester mounting unit for telecommunications and data systems equipment	00/00035	1/10/00	2000/0035	9/26/01
	99-007	ZA	Connector element with closure device	PCT/EP00/02122	3/10/00		
	99-008	ZA	Unit with wire termination and RJ style plug	PCT/EP00/04882	5/29/00		
	99-017	ZA	Connecting cable with an electrical plug connection	2002/4574	11/16/00	2002/4574	7/30/03
	ITRACS001	ZA	A System for Monitoring Connection Pattern of Data Ports	2001/8216	4/5/00	2001/8216	3/26/03
	ITRACS001	ZA	A System for Monitoring Connection Pattern of Data Ports	2003/0073	4/5/00	2003/0073	6/20/04
	MP0766	ZA	Fiber Optic Splicing	822863	4/27/82	82/2863	4/25/83

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
	MP0820	ZA	Method Of Transmitting UV Light By Optical Fiber	83/3327	5/10/83	833327	6/27/84
	MP1018	ZA	Splice Case	86/0037	1/3/86	86/0037	9/30/87
	MP1064	ZA	Optical Fiber Distribution Network	86/5214	7/11/86	86/5214	3/30/88
	NC014	ZA	Telecommunications Terminal Block	94/2508	4/12/94	94/2508	1/15/96
	NC016	ZA	Fiber Optic Splice Closure And Associated Methods	94/2606	4/15/94	94/2606	12/27/95
	NC027	ZA	Button Protection Device	96/2331	3/22/96		
	NC042	ZA	Fiber Optic Drop Splice Closure And Related Methods	99/3558	5/26/99	99/3558	1/31/01
02316.3392ZAWO	TO-00402	ZA	Portable Device for Attaching a Connector to an Optical Fiber	2013/05124	2/7/12		
02316.3413ZAWO	TO-00509	ZA	Optical Fiber Connection System Including Optical Fiber Alignment Device	2014/6531	2/6/13		
02316.3597ZAWO		ZA	SLIDABLE TELECOMMUNICATIONS TRAY WITH CABLE SLACK MANAGEMENT				
02316.3625ZAWO		ZA	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY				
02316.3627ZAWO		ZA	OPTICAL ASSEMBLIES WITH MANAGED CONNECTIVITY	NPCT/US2014/014870	2/5/14		
02316.3986ZAWO	TO-00266	ZA	Fiber Optic Multi Dwelling Unit Deployment Apparatus and Methods for Using the Same	2011/05038	12/7/09	2011/05038	5/29/13
2316.1006/01		ZA	VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE	2001/6241	1/3/00	2001/6241	11/27/02
2316.1007/I1		ZA	TELECOMMUNICATIONS JACK ASSEMBLY	2001/6240	1/4/00	2001/6240	9/25/02
2316.1011/I2		ZA	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	017375	2/16/00	017375	11/27/02
2316.1011/I4		ZA	OPTICAL FIBER DISTRIBUTION FRAME WITH CONNECTOR MODULES	0110552	5/25/00	0110552	2/26/03
2316.1910/WO		ZA	Communication wire	2005/02303	9/8/03	2005/02303	11/30/05
P12.482ZA/10-008ZA	10-008	ZA	Connecting box for glass fiber cables	2012/06620	1/10/11	2012/06620	11/27/13
40708		ZA	DISTRIBTUION AND INTERCONNECTION ASSEMBLY FOR COMMUNICATIONS WIRES	98/5976	7/7/98	98/5976	3/31/99
TO-00559		ZA	Cable Management System including Splitter/Filter Tray	2015/00216	7/4/13		
WR102		ZA	Heat Shrink Radi With Removable Outlets	87/1645	3/6/87	87/1645	11/30/88

Case Number	Previous Case Number / Docket #	Country	Application Title	Application #	Filing Date	Patent #	Issue Date
WR140		ZA	Mechanical Radi Seal	91/7331	9/13/91	91/7331	5/27/92
WR151		ZA		929927	12/21/92	92/9927	8/25/93
	96-020	ZW	Terminal, isolating or connecting strip	AP/P/98/01188	12/8/97	AP1030	12/31/01
	98-024	ZW	Method and circuit arrangement for transmitting data via power lines	PCT/EP99/06008	8/19/99		

SCHEDULE 1

PART B

ASSIGNED DESIGNS

SEE ATTACHED.

PATENT
REEL: 041308 FRAME: 0998

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
97-703	US	06-Jul-98	29/090,305	28-Dec-99	D 418,113	Concealed Entrance Outlet
97-702	US	09-Jul-98	29/090,504	11-Apr-00	D 422,566	Unibox
99-703	US	25-May-00	29/123,823	3-Dec-02	D 466,479	RJ plug for Highband-Plus
05-701	US	31-Aug-05	29/237,454	7-Aug-07	D 548,189 S	Connection box
06-701	US	10-Jul-06	29/262,760	24-Feb-09	D 587,200 S	Connection Module
06-701	US	10-Jul-06	29/262,761	24-Feb-09	D 587,201 S	Connection Module
06-701	US	10-Jul-06	29/262,771	3-Mar-09	D 587,651 S	Connection Module
06-702	US	19-Jan-07	29/271,477	12-Jan-10	D 607,822 S	Connector Block
06-706	US	29-May-07	29/280,445	1-Jun-10	D 616,730 S	Detachable Cable Manager
06-703	US	05-Sep-07	29/291,548	6-Oct-09	D 601,511 S	Patch Plug
06-703	US	05-Sep-07	29/291,554	29-Sep-09	D 601,099 S	Patch Plug
06-704	US	05-Sep-07	29/291,555	20-Oct-09	D 602,442 S	Dust Cover for an Electrical Connector
07-702	US	02-Nov-07	29/297,079	3-Feb-09	D 585,845 S	Power Outlet
06-705	US	08-Jan-08	29/302,006	23-Mar-10	D 612,334 S	Electrical Connector having a protective door element
06-705	US	08-Jan-08	29/302,008	23-Mar-10	D 612,335 S	Electrical Connector having a protective door element
08-704	US	17-Nov-08	29/327,979	8-Dec-09	D 605,613 S	Printed circuit board for electrical connector
08-705	US	21-Nov-08	29/328,332	15-Sep-09	D 600,098 S	Reel assembly
08-708	US	25-Mar-09	29/334,366	3-Jan-12	D 651,595	Base plate for a telecommunications outlet box
10-706	US	09-Jun-11	29/393,774	17-Jul-12	D663,698	Assembly for dispensing cable
89-722	US	12-Jan-90	463,971	11-Feb-92	D 323,816	Computer terminal with ergonomic numerical keyboard
89-721	US	12-Jan-90	463,972	11-Feb-92	D 323,817	Computer terminal with ergonomic alphanumerical keyboard
85-701	US	05-Dec-85	805,844	5-Jan-88	D 293,571	Telephon apparatus 350 Export
85-702	US	09-Dec-85	806,438	5-Jan-88	D 293,572	Telephon apparatus 350 Quer
96-705	US	21-May-97	29/0 71,874	13-Oct-98	D 399,490	Connection module
95-703	US	22-Oct-96	29/049,209	29-Dec-98	D 403,434	Cross connection cabinet with components
95-702	US	30-Aug-96	29/059,035	22-Dec-98	D 402,992	Cross connection cabinet
97-701	US	27-Oct-97	29/076,403	13-Jun-00	D 426,523	Cross connection cabinet
96-706	US	02-Oct-97	29/077,486	4-May-99	D 409,147	Printed-circuit board module
96-707	US	02-Oct-97	29/077,506	13-Apr-99	D 408,013	Printed-circuit board module
98-701	US	14-Jul-98	29/090,800	2-May-00	D 424,022	Surge Arrester Magazine (LSA Plus NT)
02-703	US	03-Mar-03	29/177,026	19-Oct-04	D 497,343 S	Connection-, Disconnection- and Distribution Module
04-703	US	13-Dec-04	29/219,220	3-Jul-07	D 545,766 S	Patch Panel
07-701	US	03-Jul-07	29/281,842	6-May-08	D 568,254 S	Cable Management Device
06-704	US	05-Sep-07	29/291,553			Dust Cover for an Electrical Connector
07-702	US	02-Nov-07	29/297,077			Power Outlet
07-702	US	02-Nov-07	29/297,082			Power Outlet
07-703	US	02-Nov-07	29/297,083	24-Feb-09	D 587,203 S	Electrical Connector
07-703	US	02-Nov-07	29/297,084	1-Dec-09	D 605,121 S	Electrical Connector
07-705	US	13-Mar-08	29/305,093	21-Sep-10	D624,171	
07-704	US	16-Apr-08	29/306,794	14-Dec-10	D 628,963 S	Cross Connect Block
08-702	US	01-Oct-08	29/325,474			Cable Housing
08-706	US	05-Nov-08	29/327,437			Connection box for optical fiber cable
08-710	US	01-Apr-09	29/334,791	26-Oct-10	D 626,075 S	Connector module
08-707	US	28-Apr-09	29/336,009	22-Feb-11	D 633,059 S	Distribution cabinets for the communication and data technique
08-711	US	12-May-09	29/336,904	22-Feb-11	D 633,050 S	Cradle for a termination module
08-712	US	12-May-09	29/336,905	1-Feb-11	D 631,846 S	Contacts for a termination module cradle
07-705	US	13-Mar-08	29/365,127	25-Sep-12	D667,945	
08-707	US	28-Apr-09	29/383,330	20-Sep-11	D 645,427 S	Distribution cabinets for the communication and data technique
10-705	US	05-May-11	29/391,272			Wire termination tool
08-707	US	28-Apr-09	29/399,760			Distribution cabinets for the communication and data technique
84-703	AN	04-Feb-85	DM/004723	27-Jun-85	DM/004723	

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
99-703	AN	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	AN	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
02-702	AN	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
98-701	AN	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
86-710	AN	07-Apr-87	DM/008456	14-Jul-87	DM/008456	Telephon apparatus Studio 89/0
89-721	AN	22-Dec-89	DM/015410	8-Mar-90	DM/015410	Computer terminal with ergonomic alphanumerical keyboard
89-722	AN	22-Dec-89	DM/015411	8-Mar-90	DM/015411	Computer terminal with ergonomic numerical keyboard
96-705	AN	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-703	AN	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
95-702	AR	14-Aug-96	63.720	5-Nov-96	63.720	Cross connection cabinet
95-703	AR	02-Sep-96	63.768	4-Jun-97	63.768	Cross connection cabinet with components
98-701	AR	08-Jul-98	65.876	8-Jul-98	65.876	Surge Arrester Magazine (LSA Plus NT)
93-702	AR	08-Jul-93	60.197	20-Jul-94	60.197	Connection box for telecommunication equipment
96-705	AR	07-May-97	64.569	11-Jun-97	64.569	Connection module
97-701	AR	20-Aug-97	64.880	20-Aug-97	64880	Cross connection cabinet
97-702	AR	07-Jul-98	65.873	7-Jul-98	65.873	Unibox
99-703	AR	30-May-00	67.975	30-May-01	67.975	RJ plug for Highband-Plus
04-704	AR	23-Feb-05	73259	23-Feb-07	73259	Distribution frame for the telecommunication and data technique (Patch Panel)
04-705	AR	23-Feb-05	73260	23-Feb-07	73260	Distribution frame for the telecommunication and data technique (Patch Panel)
04-706	AR	23-Feb-05	73261	23-Feb-07	73261	Distribution frame for the telecommunication and data technique (Patch Panel)
04-701	AT	16-Aug-04	MU1291/2004	20-Dec-04	57011	Wall Outlet Box
04-702	AT	16-Aug-04	MU1292/2004	20-Dec-04	57012	Wall Outlet Box
96-707	AT	11-Sep-97	MU3575/97+MU3576/97			Printed-circuit board module
99-703	AT	30-May-00	MU 2136/2000	20-Oct-00	41751	RJ plug for Highband-Plus
95-703	AT	20-Aug-96	MU 3069/96	20-Oct-96	22441	Cross connection cabinet with components
95-703	AT	20-Aug-96	MU 3070/96	20-Oct-96	22442	Cross connection cabinet with components
95-703	AT	20-Aug-96	MU 3071/96	20-Oct-96	22443	Cross connection cabinet with components
95-703	AT	20-Aug-96	MU 3072/96	20-Oct-96	22444	Cross connection cabinet with components
95-703	AT	20-Aug-96	MU 3073/96	20-Oct-96	22445	Cross connection cabinet with components
95-703	AT	20-Aug-96	MU 3074/96	20-Oct-96	22446	Cross connection cabinet with components
95-703	AT	20-Aug-96	MU 3075/96	20-Oct-96	22447	Cross connection cabinet with components
95-702	AT	24-Jul-96	MU 3672/96	20-Oct-96	22276	Cross connection cabinet
95-702	AT	24-Jul-96	MU 3673/96	20-Oct-96	22277	Cross connection cabinet
95-702	AT	24-Jul-96	MU 3674/96	20-Oct-96	22278	Cross connection cabinet
95-702	AT	24-Jul-96	MU 3675/96	20-Oct-96	22279	Cross connection cabinet
95-702	AT	24-Jul-96	MU 3676/96	20-Oct-96	22280	Cross connection cabinet
95-702	AT	24-Jul-96	MU 3677/96	20-Oct-96	22281	Cross connection cabinet
98-703	AT	22-Jul-98	MU3130/98	20-Sep-98	31821	PCB Patch Panel
96-706	AT	11-Sep-97	MU3575/97+MU357	20-Nov-97	27736 - 27737	Printed-circuit board module
96-705	AT	08-Apr-97	MU 1354/97	20-May-97	25541	Connection module
98-701	AT	09-Jun-98	MU2522/98	20-Sep-98	31646	Surge Arrester Magazine (LSA Plus NT)
98-701	AT	09-Jun-98	MU2523/98	20-Sep-98	31647	Surge Arrester Magazine (LSA Plus NT)
02-702	AT	14-Aug-02	MU2876/2002	20-Oct-02	50879	Electrical Connector (without cover)
00-713	AT	16-Oct-00	MU 41927	20-Jan-01	43146	Evz
09-702	AU	19-Jan-09	10138/2009	10-Feb-09	324606	Electrical connector
09-701	AU	19-Jan-09	10144/2009	13-Feb-09	324635	Electrically conductive contact
09-703	AU	27-Feb-09	10638/2009	4-Mar-09	325019	Labelling assembly
09-704	AU	03-Mar-09	10706/2009	6-Mar-09	325063	Consolidation point enclosure
10-702	AU	02-Mar-10	10707/2010	20-May-10	330885	Apparatus for mechanically cleaving a stripped end section of an optic fibre core
10-703	AU	03-Mar-10	10730/2010	26-May-10	330988	Apparatus for mechanically splicing optic fibres
08-703	AU	10-Apr-08	11699/2008	4-Aug-08	320579	Electrical Connector

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
08-703	AU	10-Apr-08	11699/2008	4-Aug-08	320579	Wall Outlet Box
98-710	AU	06-Apr-01	1173/01	14-Jan-03	150314	Rotation adaptor for an electrical connector, electrical connector fitted with a rotation adaptor, base plates, cover plates, and plates fitted with
11-701	AU	29-Apr-11	11903/2011	27-Jun-11	337321	Cable hauling assembly
98-709	AU	10-Apr-01	1203/01	30-Jul-02	148668	Cover plate and/or back plate and/or electrical connector, and/or combinations thereof
10-704	AU	04-Jun-10	12313/2010	4-Aug-10	332072	Apparatus for mechanically splicing two optic fibres
08-704	AU	15-May-08	12334/2008	11-Dec-08	323139	Printed circuit board for electrical connector
09-706	AU	15-Jul-09	12561/2009	25-Sep-09	327759	Reel assembly
08-705	AU	29-May-08	12611/2008	1-Oct-08	321309	Reel assembly
98-705	AU	17-Apr-01	1272/01	6-Jan-03	150216	Electrical Connector, cover elements, and components thereof
00-702	AU	28-Apr-00	1296/2000	9-Jan-02	146372	Back mount electrical connector
00-701	AU	28-Apr-00	1297/2000	9-Jan-02	146373	Conductive element for an electrical connector
06-702	AU	25-Jul-06	13219/2006	10-Apr-07	313574	Connector Block
11-702	AU	27-Jul-11	13295/2011	23-Sep-11	338625	Base plate for an optical fibre outlet
11-703	AU	27-Jul-11	13296/2011	23-Sep-11	338626	Spool for an optical fibre outlet
11-704	AU	27-Jul-11	13297/2011	23-Sep-11	338627	Extension spool for an optical fibre outlet
09-707	AU	09-Sep-09	13484/2009	15-Dec-09	328918	Junction box
09-708	AU	09-Sep-09	13485/2009	17-Nov-09	328485	Junction box
09-709	AU	21-Oct-09	14079/2009	22-Dec-09	329017	Apparatus for mechanically splicing optic fibres
09-710	AU	21-Oct-09	14082/2009	22-Dec-09	329018	Apparatus for mechanically splicing optic fibres
08-708	AU	25-Sep-08	14600/2008	10-Dec-08	322837	Base plate for a telecommunications outlet box
10-705	AU	05-Nov-10	14916/2010	13-Jan-11	334598	Wire termination tool
08-709	AU	14-Oct-08	14931/2008	17-Dec-08	323229	Contacts for a connector module
06-706	AU	30-Nov-06	15503/2006	7-Feb-07	312804	Detachable Cable Manager
10-706	AU	15-Dec-10	15513/2010	12-Jan-11	334573	Assembly for dispensing cable
08-713	AU	19-Dec-08	15973/2008	5-Feb-09	324462	Component parts of a plug
11-707	AU	23-Dec-11	15974/2011	21-Mar-12	341481	Electrical contact holder for an electrical connection module
11-706	AU	23-Dec-11	15975/2011	21-Mar-12	341482	Shielding interface for an electrical connection module
11-705	AU	23-Dec-11	15976/2011	21-Mar-12	341483	Electrical Connection Module
99-703	AU	30-May-00	1650/00	20-Feb-01	143027	RJ plug for Highband-Plus
06-704	AU	14-Mar-07	16901/2007	8-Jun-07	314481	Dust Cover for an Electrical Connector
06-704	AU	14-Mar-07	16902/2007	8-Jun-07	314482	Dust Cover for an Electrical Connector
06-703	AU	30-Mar-07	17231/2007	19-Jun-07	314729	Patch Plug
06-703	AU	30-Mar-07	17232/2007	19-Jun-07	314730	Patch Plug
07-702	AU	04-May-07	17753/2007	23-Jul-07	315263	Power Outlet
07-702	AU	04-May-07	17754/2007	23-Jul-07	315264	Power Outlet
07-702	AU	04-May-07	17755/2007	23-Jul-07	315265	Power Outlet
06-705	AU	10-Jul-07	18780/2007	12-Sep-07	316095	Electrical Connector having a protective door element
06-705	AU	10-Jul-07	18781/2007	12-Sep-07	316096	Electrical Connector having a protective door element
98-710	AU	12-Jul-99	2171/99	9-May-01	143761	Rotation adaptor for an electrical connector, electrical connector fitted with a rotation adaptor, base plates, cover plates, and plates fitted with
98-705	AU	12-Jul-99	2172/99	9-May-01	143762	Electrical Connector, cover elements, and components thereof
98-709	AU	12-Jul-99	2173/99	9-May-01	143763	Cover plate and/or back plate and/or electrical connector, and/or combinations thereof
98-704	AU	24-Jul-98	2180/98	28-Jul-99	137882	Connection Box and components thereof
98-705	AU	24-Jul-98	2181/98	28-Jul-99	137883	Electrical Connector, cover elements, and components thereof
98-706	AU	24-Jul-98	2182/98	24-Jul-99	137884	Adaptor device for an electrical connector, and electrical connector fitted with the adaptor device
98-707	AU	24-Jul-98	2183/98	24-Jul-99	137885	Cover element, electrical connector structure, and components thereof
98-708	AU	24-Jul-98	2184/98	24-Jul-99	137886	Connection Box and/or components thereof
98-709	AU	24-Jul-98	2185/98	28-Jul-99	137887	Cover plate and/or back plate and/or electrical connector, and/or combinations thereof
98-710	AU	24-Jul-98	2186/98	24-Jul-99	137888	Rotation adaptor for an electrical connector, electrical connector fitted with a rotation adaptor, base plates, cover plates, and plates fitted with
02-704	AU	05-Aug-02	2385/02	5-Jun-03	151953	Connector Module
02-704	AU	05-Aug-02	2386/02	2-Jan-04	154189	Connector Module
02-702	AU	05-Aug-02	2394/02	17-Dec-02	150184	Electrical Connector (without cover)

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
02-705	AU	12-Aug-02	2486/02	6-Jun-03	151967	Connector
01-701	AU	05-Oct-01	3124/01	26-Feb-03	150851	Cable organizer
98-710	AU	09-Oct-02	3154/02	21-Mar-03	151181	Rotation adaptor for an electrical connector, electrical connector fitted with a rotation adaptor, base plates, cover plates, and plates fitted with
01-702	AU	19-Oct-01	3311/01	26-Sep-02	149431	Power Outlet Device
01-703	AU	05-Nov-01	3528/01	21-Oct-02	149613	Cord Organizer
98-705	AU	28-Feb-02	592/02	29-Jan-03	150468	Electrical Connector, cover elements, and components thereof
92-701	AU	09-Jan-92	0069/92	8-Jun-93	117304	Mounting element (Profile mounting end piece)
89-728	AU	17-Apr-89	1186/89	20-Nov-90	109624	Connection device
99-702	AU	13-Apr-00	1187/00	4-Dec-00	142396	1 pair-wire protective plug for highband module
06-701	AU	04-May-06	11908/2006	15-Sep-06	310020	Connection Module
06-701	AU	04-May-06	11909/2006	15-Sep-06	310021	Connection Module
06-701	AU	04-May-06	11910/2006	15-Sep-06	310022	Connection Module
91-704	AU	08-May-91	1272/91	4-Dec-91	113006	Mounting clip
95-708	AU	28-Apr-95	1285/95	5-Mar-96	126032	Electrical connection box
85-703	AU	29-May-85	1391/85	26-Mar-87	095810	Base for electrical terminal devices
87-703	AU	26-May-87	1823/87	14-Jul-88	100782	Cable support
87-704	AU	26-May-87	1824/87	14-Jul-88	100783	Cable guide
87-701	AU	23-Jun-87	2174/87	28-Jul-88	100885	Connector
94-703	AU	26-Jul-94	2366/94	5-Jun-96	126976	Electrical connector block
94-704	AU	26-Jul-94	2367/94	5-Jun-96	126977	Electrical plug device
94-705	AU	26-Jul-94	2368/94	5-Jun-96	126978	Electrical plug device
94-706	AU	26-Jul-94	2369/94	5-Jun-96	126979	Electrical plug device
92-705	AU	09-Oct-92	2838/92	11-Nov-93	118709	Mounting device
90-702	AU	24-Sep-90	3093/90	10-May-91	110942	Electrical connector
90-707	AU	25-Sep-90	3101/90	10-May-91	110991	Electrical contact
90-710	AU	25-Sep-90	3102/90	10-May-91	110992	Electrical connection frame
90-708	AU	25-Sep-90	3103/90	10-May-91	110993	Electrical connection array
85-704	AU	08-Nov-85	3192/85	30-Jul-87	097205	Base for electrical terminal devices
89-732	AU	03-Oct-89	3246/89	21-Sep-90	109042	Label holder
89-727	AU	09-Oct-89	3289/89	16-Aug-91	111885	Contact element
89-733	AU	09-Oct-89	3290/89	21-Mar-91	110583	Connection apparatus
94-709	AU	13-Oct-94	3442/94	5-Jul-96	127198	Electrical connector lid
94-710	AU	13-Oct-94	3443/94	5-Jul-96	127199	Electrical connector base
94-711	AU	13-Oct-94	3444/94	5-Jul-96	127200	Base for an electrical connector
94-712	AU	13-Oct-94	3445/94	5-Jul-96	127201	Lid for an electrical connector
94-713	AU	13-Oct-94	3446/94	5-Jul-96	127202	Base for an electrical connector
94-714	AU	13-Oct-94	3447/94	15-Jul-96	127295	Base for an electrical connector
94-715	AU	13-Oct-94	3448/94	5-Jul-96	127203	Cover for an elelctrical connector
94-717	AU	13-Oct-94	3450/94	15-Jul-96	127297	Electrical socket
94-718	AU	13-Oct-94	3451/94	15-Jul-96	127298	Electrical socket
94-719	AU	13-Oct-94	3452/94	15-Jul-96	127299	Electrical socket
93-706	AU	29-Oct-93	3453/93	18-May-94	120378	Mounting device
97-705	AU	20-Oct-97	3466/97	26-Jul-99	137835	Telecommunications cabling cabinet with cover
97-706	AU	20-Oct-97	3467/97	26-Jul-99	137836	Telecommunications cabling cabinet with cover
97-707	AU	20-Oct-97	3468/97	30-Jul-99	137984	Telecommunications cabling cabinet
90-703	AU	31-Oct-90	3481/90	28-May-91	111156	Connection apparatus
90-704	AU	31-Oct-90	3482/90	28-May-91	111157	Connection arrangement
90-705	AU	31-Oct-90	3483/90	28-May-91	111158	Connection equipment
97-704	AU	24-Oct-97	3520/97	9-Aug-99	138126	TELECOMMUNICATIONS PATCH PANEL
85-705	AU	05-Dec-85	3542/85	26-Feb-87	095323	Terminal housing
92-704	AU	07-Dec-92	3584/92	6-Jun-94	120496	Mounting apparatus

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
95-707	AU	27-Nov-95	3742/95	6-Aug-97	130783	Cable minder
86-715	AU	10-Jan-86	3820/86	27-Aug-87	097564	Connector element
86-716	AU	10-Jan-86	3823/86	21-May-87	096570	Connector element
86-717	AU	10-Jan-86	3825/86	21-May-87	096572	Connector element (6 pole conversion plug set)
87-702	AU	06-Nov-87	4096/87	5-Nov-89	102516	Connector
86-718	AU	28-Oct-86	7269/86	9-Mar-89	103223	Terminal
86-719	AU	28-Oct-86	7270/86	30-Jun-88	100617	Terminal device
08-701	AU	19-Mar-08	11356/2008	14-Jul-08	320242	Connection Module
08-702	AU	02-Apr-08	11552/2008	25-Jul-08	320459	Cable Housing
09-705	AU	25-May-09	11857/2009	10-Jul-09	326724	Chassis
96-705	AU	15-Apr-97	1254/97	12-Mar-98	133165	Connection module
08-710	AU	14-Oct-08	14930/2008	17-Dec-08	323228	Connector module
08-712	AU	12-Nov-08	15328/2008	8-Jan-09	323633	Contacts for a termination module cradle
08-711	AU	12-Nov-08	15329/2008	8-Jan-09	323634	Cradle for a termination module
07-701	AU	18-Jan-07	16034/2007	19-Apr-07	313704	Cable Management Device
07-703	AU	07-May-07	17758/2007	23-Jul-07	315266	Electrical Connector
07-703	AU	07-May-07	17797/2007	23-Jul-07	315267	Electrical Connector
97-702	AU	29-Jun-98	1873/98	11-Jan-00	139563	Unibox
07-704	AU	16-Oct-07	20274/2007	16-Jun-08	319982	Cross Connect Block
93-704	AU	14-Jul-93	2133/93	23-Sep-94	121581	Mounting clip
96-706	AU	04-Sep-97	2873/97	25-Mar-98	133296	Printed-circuit board module
96-707	AU	04-Sep-97	2874/97	25-Mar-98	133297	Printed-circuit board module
95-706	AU	05-Sep-97	2896/97	17-Jul-98	134370	Electrical connector device
95-706	AU	27-Nov-95	3743/95	1-Oct-97	131547	Electrical connector device
89-721	AU	04-Jan-90	7/90	8-Feb-91	110281	Computer terminal with ergonomic alphanumerical keyboard
89-722	AU	04-Jan-90	8/90	8-Feb-91	110280	Computer terminal with ergonomic numerical keyboard
93-703	AU	17-Feb-93	0392/93	14-Oct-93	118473	Printed-circuit board
92-702	AU	18-Mar-92	0680/92	23-Aug-93	118006	Electrical connector cover plate
88-702	AU	11-Apr-88	1123/88	27-Nov-89	106021	Wedging device
86-711	AU	09-Apr-87	1176/87	7-Apr-88	100061	Telephon apparatus Studio 89/1
86-710	AU	09-Apr-87	1177/87	7-Apr-88	100062	Telephon apparatus Studio 89/0
89-725	AU	17-Apr-89	1184/89	16-Oct-90	109185	Electrical connector
89-726	AU	17-Apr-89	1185/89	17-Sep-90	108985	Electrical connector
89-729	AU	17-Apr-89	1187/89	23-Jul-90	108327	Mounting clip
93-708	AU	20-May-93	1504/93	19-Apr-94	119997	Mounting clip
90-706	AU	05-Jul-90	2146/90	21-Mar-91	110584	Mounting clip
89-731	AU	08-Sep-89	2943/89	26-Oct-90	109286	Wedging element
93-707	AU	29-Oct-93	3452/93	18-May-94	120377	Mounting device
93-705	AU	29-Oct-93	3454/93	18-May-94	120379	Mounting device
94-701	AU	05-Jan-94	0008/94	29-Dec-94	122268	Mounting clip
98-711	AU	18-Jan-99	0173/99	10-Dec-99	139090	MiniLAN
92-703	AU	18-Mar-92	0679/92	14-May-93	117063	Label holder
88-701	AU	11-Apr-88	1124/88	30-Aug-89	104984	Electrical contact element
95-705	AU	28-Apr-95	1284/95	5-Mar-96	126031	Electrical connection box
95-703	AU	20-Jun-97	1936/97	11-Feb-98	132851	Cross connection cabinet with components
95-703	AU	20-Jun-97	1937/97	11-Feb-98	132850	Cross connection cabinet with components
95-703	AU	20-Jun-97	1938/97	11-Feb-98	132849	Cross connection cabinet with components
95-703	AU	20-Jun-97	1939/97	11-Feb-98	132848	Cross connection cabinet with components
95-703	AU	20-Jun-97	1940/97	11-Feb-98	132847	Cross connection cabinet with components
93-710	AU	28-Jun-93	1941/93	29-May-95	123662	Switch housing
95-703	AU	20-Jun-97	1941/97	11-Feb-98	132846	Cross connection cabinet with components

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
98-701	AU	10-Jul-98	2043/98	10-Aug-99	138170	Surge Arrester Magazine (LSA Plus NT)
97-701	AU	23-Jul-97	2323/97	25-Mar-98	133284	Cross connection cabinet
94-702	AU	26-Jul-94	2365/94	5-Jun-96	126975	Electrical connector block
94-707	AU	26-Jul-94	2370/94	5-Jun-96	126980	Tool
94-708	AU	26-Jul-94	2371/94	5-Jun-96	126981	Support structure
95-702	AU	20-Aug-97	2711/97	25-May-98	133867	Cross connection cabinet
95-702	AU	20-Aug-97	2712/97	22-May-98	133851	Cross connection cabinet
95-702	AU	20-Aug-97	2713/97	25-May-98	133868	Cross connection cabinet
95-703	AU	20-Aug-96	2756/96	23-Sep-97	131245	Cross connection cabinet with components
95-702	AU	20-Aug-96	2757/96	23-Sep-97	131286	Cross connection cabinet
90-709	AU	25-Sep-90	3104/90	10-May-91	110994	Electrical connection apparatus
89-730	AU	29-Sep-89	3213/89	7-Feb-91	110239	Mounting clip
94-716	AU	13-Oct-94	3449/94	15-Jul-96	127296	Cover for an elelctrical outlet
94-720	AU	13-Oct-94	3453/94	15-Aug-96	127623	Mounting device
98-705	AU	28-Feb-02	593/02			Electrical Connector, cover elements, and components thereof
07-704	BD	16-Apr-08	D/207/2008	19-Nov-08	08785	Cross Connect Block
00-713	BE	29-Sep-00	DM/053 946	5-Jan-01	DM/053946	Evz
84-703	BE	04-Feb-85	DM/004723	27-Jun-85	DM/004723	
99-703	BE	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	BE	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
98-701	BE	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
86-710	BE	07-Apr-87	DM/008456	14-Jul-87	DM/008456	Telephon apparatus Studio 89/0
89-721	BE	22-Dec-89	DM/015410	8-Mar-90	DM/015410	Computer terminal with ergonomic alphanumerical keyboard
89-722	BE	22-Dec-89	DM/015411	8-Mar-90	DM/015411	Computer terminal with ergonomic numerical keyboard
96-707	BE	04-Jun-97	DMA/003 739	4-Jun-98	DM/043800	Printed-circuit board module
97-701	BE	04-Jun-97	DMA/003 740	6-Apr-98	DM/042784	Cross connection cabinet
96-706	BE	04-Jun-97	DMA/003 741	4-Jun-98	DM/043801	Printed-circuit board module
96-705	BE	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
97-702	BG	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
99-703	BG	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
98-701	BG	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
99-703	BG	29-May-00	5462	13-Dec-00	4074	RJ plug for Highband-Plus
02-702	BG	01-Aug-02	6468	9-Oct-03	4861	Electrical Connector (without cover)
96-707	BG	04-Jun-97	DMA/003 739	4-Jun-98	DM/043800	Printed-circuit board module
96-706	BG	04-Jun-97	DMA/003 741	4-Jun-98	DM/043801	Printed-circuit board module
96-705	BG	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-703	BG	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
99-703	BJ	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	BJ	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
98-701	BJ	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
96-705	BJ	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-703	BJ	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
07-704	BN	16-Apr-08	008/2008	24-Jun-08	008/2008	Cross Connect Block
06-702	BR	24-Jan-07	DI6700138-6	26-Jun-07	DI6700138-6	Connector Block
06-703	BR	02-Aug-07	DI6702437-8	12-Feb-08	DI6702437-8	Patch Plug
93-702	BR	29-Jul-93	MI5301014	25-Feb-97	MI 5301014-0	Connection box for telecommunication equipment
97-701	BR	09-Sep-97	DI 5701156-7	7-Apr-98	5701156-7	Cross connection cabinet
96-706	BR	24-Nov-97	DI 5701857-0	12-May-98	DI5701857-0	Printed-circuit board module
97-702	BR	08-Jul-98	DI 5801236-2	24-Aug-99	DI5801236-2	Unibox
98-701	BR	16-Sep-98	DI 5801750-0	7-Dec-99	DI5801750-0	Surge Arrester Magazine (LSA Plus NT)
96-705	BR	09-Jun-97	DI5701237-7	23-Mar-99	DI 5701237-7	Connection module

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
96-707	BR	24-Nov-97	DI5701858-8	16-Jun-98	DI 5701858-8	Printed-circuit board module
99-703	BR	30-May-00	DI6000532-7	19-Jun-01	DI 6000532-7	RJ plug for Highband-Plus
02-703	BR	11-Mar-03	DI6300716-9	20-May-03	DI6300716-9	Connection-, Disconnection- and Distribution Module
04-704	BR	25-Feb-05	DI6500638-0	7-Jun-05	DI6500638-0	Distribution frame for the telecommunication and data technique (Patch Panel)
99-703	BY	30-May-00	f 2000 0033	26-Dec-01	495	RJ plug for Highband-Plus
96-706	BY	21-Nov-97	970101/wo	6-Aug-99	231	Printed-circuit board module
96-707	BY	21-Nov-97	970102/wo	6-Aug-99	232	Printed-circuit board module
06-702	CA	10-Jan-07	118995	31-Jan-08	118995	Connector Block
06-703	CA	05-Jul-07	121312	8-Apr-08	121312	Patch Plug
89-721	CA	17-Jan-90	17-01-90-13	20-Nov-90	67481	Computer terminal with ergonomic alphanumerical keyboard
89-722	CA	17-Jan-90	17-01-90-14	24-Dec-90	67688	Computer terminal with ergonomic numerical keyboard
96-705	CA	29-Apr-97	1997-1079	13-Feb-98	83069	Connection module
97-701	CA	23-Jul-97	1997-1917	21-Nov-97	82486	Cross connection cabinet
98-701	CA	12-Jun-98	1998-1438	13-Aug-99	87309	Surge Arrester Magazine (LSA Plus NT)
99-703	CA	29-May-00	2000-1366	30-Nov-00	90993	RJ plug for Highband-Plus
02-703	CA	21-Feb-03	102168	20-Oct-04	102168	Connection-, Disconnection- and Distribution Module
04-704	CA	10-Feb-05	110043	25-Sep-06	110043	Distribution frame for the telecommunication and data technique (Patch Panel)
04-705	CA	10-Feb-05	110044	25-Sep-06	110044	Distribution frame for the telecommunication and data technique (Patch Panel)
04-706	CA	10-Feb-05	110045	25-Sep-06	110045	Distribution frame for the telecommunication and data technique (Patch Panel)
04-701	CH	27-Aug-04	130.998	7-Oct-04	130998	Wall Outlet Box
00-713	CH	29-Sep-00	DM/053 946	5-Jan-01	DM/053946	Evz
84-703	CH	04-Feb-85	DM/004723	27-Jun-85	DM/004723	
99-703	CH	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	CH	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
02-702	CH	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
98-701	CH	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
86-710	CH	07-Apr-87	DM/008456	14-Jul-87	DM/008456	Telephon apparatus Studio 89/0
89-721	CH	22-Dec-89	DM/015410	8-Mar-90	DM/015410	Computer terminal with ergonomic alphanumerical keyboard
89-722	CH	22-Dec-89	DM/015411	8-Mar-90	DM/015411	Computer terminal with ergonomic numerical keyboard
98-703	CH	31-Aug-98	125344	8-Sep-98	125344	PCB Patch Panel
96-707	CH	04-Jun-97	DMA/003 739	4-Jun-98	DM/043800	Printed-circuit board module
96-706	CH	04-Jun-97	DMA/003 741	4-Jun-98	DM/043801	Printed-circuit board module
96-705	CH	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-703	CH	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
99-703	CI	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	CI	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
98-701	CI	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
96-705	CI	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-703	CI	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
96-705	CL	06-Jun-97	1997-1101			Connection module
85-701	CL	11-Dec-85	771/85	27-Mar-87	1819	Telephon apparatus 350 Export
85-702	CL	11-Dec-85	772/85	27-Mar-87	1818	Telephon apparatus 350 Quer
96-707	CL	21-Nov-97	1997-2549	15-Oct-02	5.593	Printed-circuit board module
96-706	CL	21-Nov-97	1997-2550	11-Nov-02	3.566	Printed-circuit board module
98-701	CL	10-Jul-98	1998-1643	11-Nov-02	3.565	Surge Arrester Magazine (LSA Plus NT)
99-703	CL	26-May-00	2000-1360	11-Nov-02	3.564	RJ plug for Highband-Plus
02-703	CL	10-Mar-03	2003-0468	10-Nov-05	4.272	Connection-, Disconnection- and Distribution Module
04-704	CL	25-Feb-05	2005-0405	14-Nov-07	4.862	Distribution frame for the telecommunication and data technique (Patch Panel)
04-706	CL	25-Feb-05	2005-0406	7-Nov-07	4.863	Distribution frame for the telecommunication and data technique (Patch Panel)
04-705	CL	25-Feb-05	2005-0407	7-Nov-07	4.864	Distribution frame for the telecommunication and data technique (Patch Panel)
04-701	CN	26-Aug-04	200430081111.7	14-Sep-05	ZL200430081111	Wall Outlet Box

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
04-702	CN	26-Aug-04	200430081113.6	29-Jun-05	ZL200430081113	Wall Outlet Box
08-705	CN	27-Nov-08	200830136801.6	18-Nov-09	ZL200830136801	Reel assembly
08-708	CN	24-Mar-09	200930003957.1	21-Apr-10	ZL 20093000395	Base plate for a telecommunications outlet box
10-706	CN	04-Mar-11	201130036195.2	19-Oct-11	ZL201130036195	Assembly for dispensing cable
99-703	CN	29-May-00	00308323	3-Feb-01	00308323.3	RJ plug for Highband-Plus
96-705	CN	07-Jun-97	97315553.1	10-Jul-98	97315553.1	Connection module
97-701	CN	12-Sep-97	97316274.0	12-Sep-98	97210	Cross connection cabinet
97-702	CN	25-Jun-98	98309669.4	26-May-99	98309669.4	Unibox
97-702	CN	25-Jun-98	98309670.8	13-Feb-99	98309670.8	Unibox
97-702	CN	25-Jun-98	98309671.6	18-Mar-99	98309671.6	Unibox
97-702	CN	25-Jun-98	98309672.4	27-Feb-99	98309672.4	Unibox
98-701	CN	17-Jul-98	98323143.5	12-Jun-99	98323143.5	Surge Arrester Magazine (LSA Plus NT)
99-702	CN	23-Dec-99	99341940.2	3-Feb-01	99341940.2	1 pair-wire protective plug for highband module
04-703	CN	15-Dec-04	200430122945.8	5-Oct-05	ZL200430122945	Patch Panel
07-701	CN	17-Jul-07	200730148771.6	15-Oct-08	ZL 20073014877	Cable Management Device
02-703	CN	11-Mar-03	03304403.1	18-Feb-04	03304403.1	Connection-, Disconnection- and Distribution Module
04-706	CN	25-Feb-05	200530004727.9	1-Feb-06	ZL200530004727	Distribution frame for the telecommunication and data technique (Patch Panel)
07-704	CN	16-Apr-08	200830122346.4	23-Sep-09	ZL200830122346	Cross Connect Block
08-710	CN	09-Apr-09	200930009312.9	24-Feb-10	ZL 200930009312	Connector module
08-712	CN	07-May-09	200930009610.8	12-May-10	ZL 200930009610	Contacts for a termination module cradle
08-711	CN	07-May-09	200930009611.2	7-Apr-10	ZL 20093000961	Cradle for a termination module
10-701	CN	30-Apr-10	201030162815.2	15-Dec-10	ZL 201030162815	Terminal strip
04-704	CN	25-Feb-05	200530004725.X	1-Mar-06	ZL200530004725	Distribution frame for the telecommunication and data technique (Patch Panel)
89-721	CN	30-Dec-89	90300040.7	1-May-91	5985	Computer terminal with ergonomic alphanumerical keyboard
89-722	CN	30-Dec-89	90300041.5	2-Jan-91	5187	Computer terminal with ergonomic numerical keyboard
84-701	CN	17-Mar-84	95 AR 375/84	30-Apr-84	95 MR 5263 Nz	Telephon apparatus
93-702	CN	06-Aug-93	93304454.2	18-Mar-94	25041	Connection box for telecommunication equipment
95-702	CN	06-Sep-96	96319680.4	8-Nov-97	96319680.4	Cross connection cabinet
95-703	CN	06-Sep-96	96319681.2	8-Nov-97	96319681.2	Cross connection cabinet with components
95-703	CN	06-Sep-96	97304673.2	16-Apr-98	97304673.2	Cross connection cabinet with components
95-703	CN	06-Sep-96	97304674.0	3-Jul-98	97304674.0	Cross connection cabinet with components
95-703	CN	06-Sep-96	97304675.9	15-Apr-99	97304675.9	Cross connection cabinet with components
95-703	CN	06-Sep-96	97304677.5	13-May-98	97304677.5	Cross connection cabinet with components
95-703	CN	06-Sep-96	97304678.3	13-Jun-98	97304678.3	Cross connection cabinet with components
95-703	CN	06-Sep-96	97304679.1	26-Mar-98	97304679.1	Cross connection cabinet with components
98-711	CN	11-Dec-98	98305747.8	7-Aug-99	126809	MiniLAN
04-705	CN	25-Feb-05	200530004726.4	14-Dec-05	ZL200530004726	Distribution frame for the telecommunication and data technique (Patch Panel)
96-705	CO	16-Apr-97	97019986	25-Nov-99	2968	Connection module
97-702	CO	10-Jul-98	98039315	19-Jun-00	003093	Unibox
98-701	CO	30-Jun-98	98.036.873	5-Apr-00	003124	Surge Arrester Magazine (LSA Plus NT)
98-701	CZ	14-Aug-98	V-31128-98	24-Jan-00	29316	Surge Arrester Magazine (LSA Plus NT)
96-705	CZ	28-May-97	30151	23-Feb-99	28490	Connection module
96-706	CZ	14-Nov-97	V-30530-97	24-Aug-98	27990	Printed-circuit board module
02-702	CZ	06-Aug-02	PVz 2002-34118	6-Mar-03	31367	Electrical Connector (without cover)
99-703	CZ	29-May-00	PVz2000-32551	24-Oct-00	29905	RJ plug for Highband-Plus
96-707	CZ	14-Nov-97	V-30531-97	24-Aug-98	27991	Printed-circuit board module
84-703	DD	04-Feb-85	DM/004723	27-Jun-85	DM/004723	
91-703	DD	04-Sep-80	13760 - U 2003	16-Sep-85	13760 - U 2003	
86-710	DD	07-Apr-87	DM/008456	14-Jul-87	DM/008456	Telephon apparatus Studio 89/0
02-701	DE	15-Feb-02	40201305.0	3-Dec-02	40201305.0	Electrical Connector (with cover)
02-702	DE	15-Feb-02	40201306.9	22-Jul-02	40201306	Electrical Connector (without cover)

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
04-702	DE	27-Feb-04	40401203.5	25-Jan-05	40401203.5	Wall Outlet Box
04-701	DE	27-Feb-04	40401204.3	3-Mar-05	40401204.3	Wall Outlet Box
99-703	DE	30-Nov-99	49911347.0	23-Dec-99	49911347.0	RJ plug for Highband-Plus
08-706	DE	09-Jun-08	402008002734.5	10-Jul-08	402008002734.5	Connection box for optical fiber cable
96-701	DE	22-Apr-96	M9603597.8	10-Sep-96	M9603597.8	Terminator tool
05-701	DE	09-Mar-05	40501417.1	4-May-05	40501417.1	Connection box
06-701	DE	11-Jan-06	40600175.8	22-Mar-06	40600175.8	Connection Module
99-702	DE	14-Oct-99	49909708.4	3-Nov-99	49909708.4	1 pair-wire protective plug for highband module
98-711	DE	26-Aug-98	498 08 503.1	1-Oct-98	49808503.1	MiniLAN
04-704	DE	26-Aug-04	40404955.9	17-Nov-04	40404955.9	Distribution frame for the telecommunication and data technique (Patch Panel)
04-705	DE	26-Aug-04	40404956.7	17-Nov-04	40404956.7	Distribution frame for the telecommunication and data technique (Patch Panel)
04-706	DE	26-Aug-04	40404957.5	17-Nov-04	40404957.5	Distribution frame for the telecommunication and data technique (Patch Panel)
97-702	DE	18-Oct-97	M9709718.7	23-Mar-98	M 97 09 718.7	Unibox
86-713	DE	16-Sep-87	95 AR 1305/87	22-Oct-87	95 MR 5852 Nz	Telephon apparatus ISDN01
85-701	DE	07-Dec-85	95 AR 1689/85	28-Feb-86	95 MR 5577 Nz	Telephon apparatus 350 Export
85-702	DE	07-Dec-85	95 AR 1690/85	28-Feb-86	95 MR 5576 Nz	Telephon apparatus 350 Quer
86-710	DE	09-Oct-86	95 MR 1435/86	31-Oct-86	95 MR 5668 Nz	Telephon apparatus Studio 89/0
86-711	DE	09-Oct-86	95 MR 1435/86	31-Oct-86	95 MR 5667 Nz	Telephon apparatus Studio 89/1
86-712	DE	09-Oct-86	95 MR 1435/86	14-Nov-86	95 MR 5675 Nz	Telephon apparatus Studio 89/2, 89/3, 89/4
84-704	DE	09-Nov-84	95 MR 5383 Nz	28-Dec-84	95 MR 5383 Nz	
84-702	DE	09-Nov-84	95 MR 5384 Nz	28-Dec-84	95 MR 5384 Nz	Telephon apparatus with .....
85-706	DE	01-Feb-85	95 MR 5423 Nz	29-Mar-85	95 MR 5423 Nz	
85-701	DE	11-Jun-85	95 MR 5491 Nz	15-Jul-85	95 MR 5491 Nz	Telephon apparatus 350 Export
85-702	DE	09-Jul-85	95 MR 5511 Nz	16-Sep-85	95 MR 5511 Nz	Telephon apparatus 350 Quer
86-714	DE	06-Aug-87	95 MR 5835 Nz	15-Sep-87	95 MR 5835 Nz	Phone box & .....
89-721	DE	18-Jul-89	M8905008.8	12-Jan-90	M8905008.8	Computer terminal with ergonomic alphanumerical keyboard
89-722	DE	18-Jul-89	M8905009.6	3-Jan-90	M8905009.6	Computer terminal with ergonomic numerical keyboard
89-723	DE	18-Oct-89	M8907271.5	7-Sep-90	M8907271.5	Telephon apparatus
89-724	DE	13-Dec-89	M8908570.1	21-Sep-90	M8908570.1	BTX-Terminal
91-702	DE	06-Feb-91	M9100870.0	21-Aug-91	M9100870.0	Telephone apparatus
93-701	DE	05-Feb-93	M9300889.9	11-May-93	M9300889.9	
96-703	DE	22-Nov-96	M9610011.7	7-Mar-97	M9610011.7	Patch panel
96-704	DE	22-Nov-96	M9610012.5	14-Feb-97	M9610012.5	Wire guide device
00-702	DE	19-Oct-00	40009978.0	8-Jan-01	40009978.0	Back mount electrical connector
00-701	DE	19-Oct-00	40009979.9	19-Oct-00	40009979.9	Conductive element for an electrical connector
99-701	DE	29-Sep-99	499 09 192.2	25-Apr-00	499 09 192.2	MiniLAN
98-701	DE	17-Mar-98	M 98 02 847.2	25-Aug-98	M 98 02 847.2	Surge Arrester Magazine (LSA Plus NT)
98-703	DE	17-Mar-98	M 98 02 853.7	3-Jul-98	M9802853.7	PCB Patch Panel
90-701	DE	29-Jan-90	M9000625.9	30-Oct-90	M9000625.9	
93-702	DE	20-Mar-93	M9302155.0	2-Jun-93	M9302155.0	Connection box for telecommunication equipment
95-702	DE	18-Sep-95	M9507366.3	20-Nov-95	M9507366.3	Cross connection cabinet
95-704	DE	18-Sep-95	M9507367.1	20-Nov-95	M9507367.1	Advertisement panels with waiting area and seats
95-703	DE	18-Sep-95	M9507369.8	20-Nov-95	M9507369.8	Cross connection cabinet with components
98-702	DE	17-Mar-98	M9802851.0	3-Jul-98	M9802851.0	Surge Arrester Magazine
00-713	DE	14-Apr-00	40003777.7	22-May-00	40003777.7	Evz
02-703	DE	12-Sep-02	40207600.1	30-Oct-02	40207600.1	Connection-, Disconnection- and Distribution Module
08-707	DE	08-Nov-08	402008005384.2	8-Dec-08	402008005384.2	Distribution cabinets for the communication and data technique
10-701	DE	16-Jan-10	402010000251.2	2-Mar-10	402010000251.2	Terminal strip
96-702	DE	29-Nov-96	M9610319.1	24-Feb-97	M9610319.1	Printed-circuit board module
96-705	DE	09-Dec-96	M9610611.5	25-Feb-97	M9610611.5	Connection module
97-701	DE	12-Mar-97	M9702441.4	16-Jun-97	M9702441.4	Cross connection cabinet

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
96-707	DE	23-May-97	M9704891.7	18-Jun-97	M9704891.7	Printed-circuit board module
96-706	DE	23-May-97	M9704892.5	18-Jun-97	M9704892.5	Printed-circuit board module
07-705	DE	29-Oct-07	40705481.2	11-Mar-08	40705481.2	
89-722	DK	18-Dec-89	1515/89	2-May-91	0604/91	Computer terminal with ergonomic numerical keyboard
89-721	DK	18-Dec-89	1516/89	2-May-91	0605/91	Computer terminal with ergonomic alphanumerical keyboard
86-710	DK	08-Apr-87	378/87	17-Aug-89	0865/89	Telephon apparatus Studio 89/0
86-711	DK	08-Apr-87	379/87	17-Aug-89	0866/89	Telephon apparatus Studio 89/1
95-702	DK	24-Jul-96	0717/96	23-Oct-97	MR 1997 00875	Cross connection cabinet
95-703	DK	21-Aug-96	0792/96	29-May-97	MR 1997 00425	Cross connection cabinet with components
98-701	DK	28-Jul-98	MA 1998 00736	9-Mar-99	MR 1999 00193	Surge Arrester Magazine (LSA Plus NT)
99-703	DK	29-May-00	MA 2000 00591	4-Oct-00	MR 2000 01118	RJ plug for Highband-Plus
96-705	DK	28-Apr-97	0450/97	27-Nov-97	MR 199700955	Connection module
02-702	DK	06-Aug-02	DA200200610	3-Sep-02	DR200200569	Electrical Connector (without cover)
96-707	DK	08-Sep-97	MA09201997	9-Apr-98	MR 1998 00370	Printed-circuit board module
96-706	DK	08-Sep-97	MA09211997	9-Apr-98	MR 1998 0371	Printed-circuit board module
00-713	DK	09-Oct-00	MA 2000 01090	7-Feb-01	MR 2001 00186	Evz
84-703	EG	04-Feb-85	DM/004723	27-Jun-85	DM/004723	
99-703	EG	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	EG	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
02-702	EG	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
98-701	EG	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
86-710	EG	07-Apr-87	DM/008456	14-Jul-87	DM/008456	Telephon apparatus Studio 89/0
89-721	EG	22-Dec-89	DM/015410	8-Mar-90	DM/015410	Computer terminal with ergonomic alphanumerical keyboard
89-722	EG	22-Dec-89	DM/015411	8-Mar-90	DM/015411	Computer terminal with ergonomic numerical keyboard
08-710	EG	01-Apr-09	489287001	8-May-09	DM/071613	Connector module
96-705	EG	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-703	EG	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
84-703	ES	04-Feb-85	DM/004723	27-Jun-85	DM/004723	
99-703	ES	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	ES	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
02-702	ES	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
98-701	ES	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
86-710	ES	07-Apr-87	DM/008456	14-Jul-87	DM/008456	Telephon apparatus Studio 89/0
89-721	ES	22-Dec-89	DM/015410	8-Mar-90	DM/015410	Computer terminal with ergonomic alphanumerical keyboard
89-722	ES	22-Dec-89	DM/015411	8-Mar-90	DM/015411	Computer terminal with ergonomic numerical keyboard
96-707	ES	04-Jun-97	DMA/003 739	4-Jun-98	DM/043800	Printed-circuit board module
97-701	ES	04-Jun-97	DMA/003 740	6-Apr-98	DM/042784	Cross connection cabinet
96-706	ES	04-Jun-97	DMA/003 741	4-Jun-98	DM/043801	Printed-circuit board module
96-705	ES	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-703	ES	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
04-701	EU	13-Aug-04	000214549	13-Aug-04	000214549-0002	Wall Outlet Box
04-701	EU	13-Aug-04	000214549	13-Aug-04	000214549-0001	Wall Outlet Box
06-702	EU	26-Dec-06	000643721	26-Dec-06	000643721	Connector Block
06-703	EU	26-Jun-07	000747068	26-Jun-07	000747068-0002	Patch Plug
06-703	EU	26-Jun-07	000747068	26-Jun-07	000747068-0001	Patch Plug
07-702	EU	08-Oct-07	000804604	8-Oct-07	000804604-0001	Power Outlet
07-702	EU	08-Oct-07	000804604	8-Oct-07	000804604-0003	Power Outlet
07-702	EU	08-Oct-07	000804604	8-Oct-07	000804604-0002	Power Outlet
08-702	EU	15-Sep-08	001002703	15-Sep-08	001002703-0001	Cable Housing
08-706	EU	09-Oct-08	01025043	9-Oct-08	001025043-0004	Connection box for optical fiber cable
08-706	EU	09-Oct-08	01025043	9-Oct-08	001025043-0001	Connection box for optical fiber cable

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
08-706	EU	09-Oct-08	01025043	9-Oct-08	001025043-0002	Connection box for optical fiber cable
08-706	EU	09-Oct-08	01025043	9-Oct-08	001025043-0003	Connection box for optical fiber cable
08-705	EU	24-Oct-08	001031165	24-Oct-08	001031165-0001	Reel assembly
10-706	EU	25-Mar-11	001267512	25-Mar-11	001267512-0001	Assembly for dispensing cable
04-703	EU	02-Dec-04	000263843	2-Dec-04	000263843	Patch Panel
05-701	EU	22-Aug-05	000389689	22-Aug-05	000389689	Connection box
06-701	EU	30-Jun-06	000553482	30-Jun-06	000553482-0001	Connection Module
06-701	EU	30-Jun-06	000553482	30-Jun-06	000553482-0002	Connection Module
06-701	EU	30-Jun-06	000553482	30-Jun-06	000553482-0003	Connection Module
07-704	EU	16-Apr-08	000917869	16-Apr-08	000917869-0001	Cross Connect Block
08-711	EU	30-Apr-09	001132484	30-Apr-09	001132484-0001	Cradle for a termination module
07-703	EU	08-Oct-07	000804596	8-Oct-07	000804596-0002	Electrical Connector
07-703	EU	08-Oct-07	000804596	8-Oct-07	000804596-0001	Electrical Connector
08-704	EU	24-Oct-08	001031157	24-Oct-08	001031157-0001	Printed circuit board for electrical connector
08-707	EU	09-Mar-09	001102172	9-Mar-09	001102172-0006	Distribution cabinets for the communication and data technique
08-707	EU	09-Mar-09	001102172	9-Mar-09	001102172-0005	Distribution cabinets for the communication and data technique
08-707	EU	09-Mar-09	001102172	9-Mar-09	001102172-0001	Distribution cabinets for the communication and data technique
08-707	EU	09-Mar-09	001102172	9-Mar-09	001102172-0008	Distribution cabinets for the communication and data technique
08-707	EU	09-Mar-09	001102172	9-Mar-09	001102172-0007	Distribution cabinets for the communication and data technique
08-707	EU	09-Mar-09	001102172	9-Mar-09	001102172-0002	Distribution cabinets for the communication and data technique
08-707	EU	09-Mar-09	001102172	9-Mar-09	001102172-0004	Distribution cabinets for the communication and data technique
08-712	EU	30-Apr-09	001132492	30-Apr-09	001132492-0001	Contacts for a termination module cradle
10-701	EU	27-Apr-10	001211239	27-Apr-10	001211239-0001	Terminal strip
10-705	EU	25-Mar-11	001267504	25-Mar-11	001267504-0001	Wire termination tool
07-705	EU	07-Mar-08	000903778	7-Mar-08	000903778-0001	
07-705	EU	07-Mar-08	000903778	7-Mar-08	000903778-0002	
99-703	FI	29-May-00	M20000363	31-Jan-01	21652	RJ plug for Highband-Plus
96-705	FI	16-Apr-97	291/97	31-Oct-97	19222	Connection module
96-706	FI	09-Sep-97	679/97	31-Mar-98	19582	Printed-circuit board module
96-707	FI	09-Sep-97	680/97	31-Mar-98	19583	Printed-circuit board module
02-702	FI	29-Jul-02	M20020450	31-Mar-03	23150	Electrical Connector (without cover)
98-701	FI	01-Jul-98	M199804435	29-Jan-99	20169	Surge Arrester Magazine (LSA Plus NT)
00-713	FI	29-Sep-00	M 20 000 732	31-May-01	21937	Evz
00-713	FR	29-Sep-00	DM/053 946	5-Jan-01	DM/053946	Evz
84-703	FR	04-Feb-85	DM/004723	27-Jun-85	DM/004723	
99-703	FR	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	FR	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
02-702	FR	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
98-701	FR	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
86-710	FR	07-Apr-87	DM/008456	14-Jul-87	DM/008456	Telephon apparatus Studio 89/0
89-721	FR	22-Dec-89	DM/015410	8-Mar-90	DM/015410	Computer terminal with ergonomic alphanumerical keyboard
89-722	FR	22-Dec-89	DM/015411	8-Mar-90	DM/015411	Computer terminal with ergonomic numerical keyboard
96-707	FR	04-Jun-97	DMA/003 739	4-Jun-98	DM/043800	Printed-circuit board module
97-701	FR	04-Jun-97	DMA/003 740	6-Apr-98	DM/042784	Cross connection cabinet
96-706	FR	04-Jun-97	DMA/003 741	4-Jun-98	DM/043801	Printed-circuit board module
96-705	FR	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-703	FR	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
94-721	GB	22-Nov-94	2043465	5-Apr-95	2043465	Advance Patching Frame (APF)
99-703	GB	27-May-00	2093183	30-Nov-99	2093183	RJ plug for Highband-Plus
02-702	GB	31-Jul-02	3005876	9-Dec-02	3005876	Electrical Connector (without cover)
03-701	GB	05-Aug-03	3013942	7-Oct-03	3013942	Wall Mountable Outlet Frame I

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
03-702	GB	05-Aug-03	3013943	7-Oct-03	3013943	Wall Mountable Outlet Frame II
04-701	GB	10-Aug-04	3018366	7-Jan-05	3018366	Wall Outlet Box
04-702	GB	10-Aug-04	3018367	7-Jan-05	3018367	Wall Outlet Box
96-705	GB	10-Apr-97	2064805	14-Jul-97	2064805	Connection module
86-711	GB	09-Apr-87	1041405	9-Oct-86	1041405	Telephon apparatus Studio 89/1
86-710	GB	09-Apr-87	1041406	9-Oct-86	1041406	Telephon apparatus Studio 89/0
89-722	GB	16-Jan-90	2004040	15-Jun-90	2004040	Computer terminal with ergonomic numerical keyboard
89-721	GB	16-Jan-90	2004041	18-Jul-89	2004041	Computer terminal with ergonomic alphanumerical keyboard
96-704	GB	26-Feb-97	2063580			Wire guide device
98-701	GB	22-Jun-98	2075510	4-Nov-98	2075510	Surge Arrester Magazine (LSA Plus NT)
99-702	GB	08-Feb-00	2090192	14-Oct-99	2090192	1 pair-wire protective plug for highband module
97-701	GB	24-Jul-97	2067695	11-Dec-97	2067695	Cross connection cabinet
95-702	GB	09-Aug-96	2058418	17-Dec-96	2058418	Cross connection cabinet
95-703	GB	12-Sep-96	2059271	21-Jan-97	2059271	Cross connection cabinet with components
95-703	GB	12-Sep-96	2059272	21-Jan-97	2059272	Cross connection cabinet with components
96-703	GB	24-Feb-97	2063496	17-Jun-97	2063496	Patch panel
98-703	GB	25-Aug-98	2077074	17-Mar-98	2077074	PCB Patch Panel
96-706	GB	24-Oct-97	2070060	9-Mar-98	2070060	Printed-circuit board module
96-707	GB	24-Oct-97	2070061	9-Mar-98	2070061	Printed-circuit board module
97-702	GB	24-Jun-98	2075566	12-Oct-98	2075566	Unibox
97-702	GB	01-Aug-98	2076504	12-Oct-98	2076504	Unibox
02-703	GB	04-Mar-03	3011327	18-Jun-03	3011327	Connection-, Disconnection- and Distribution Module
00-713	GB	13-Oct-00	20 96 623	14-Apr-00	2096623	Evz
00-713	GR	29-Sep-00	DM/053 946	5-Jan-01	DM/053946	Evz
99-703	GR	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	GR	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
02-702	GR	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
98-701	GR	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
96-707	GR	04-Jun-97	DMA/003 739	4-Jun-98	DM/043800	Printed-circuit board module
96-706	GR	04-Jun-97	DMA/003 741	4-Jun-98	DM/043801	Printed-circuit board module
96-705	GR	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-703	GR	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
96-705	GT	16-Jun-97	DI 970031	21-Mar-00	232/232/1	Connection module
98-701	GT	04-Aug-98	DI-19980024	16-Jul-99	183/183/1	Surge Arrester Magazine (LSA Plus NT)
04-701	HK	06-Aug-04	0411748.3	6-Aug-04	0411748.3	Wall Outlet Box
08-708	HK	03-Mar-09	0900338.5	3-Mar-09	0900338.5	Base plate for a telecommunications outlet box
07-704	HK	15-Apr-08	0800989.4	20-Jun-08	0800989.4	Cross Connect Block
08-710	HK	26-Mar-09	0900482.9	15-May-09	0900482.9	Connector module
99-703	HK	29-May-00	0010655.1	23-Mar-01	0010655.1	RJ plug for Highband-Plus
04-703	HK	15-Dec-04	0412890.4	15-Dec-04	0412890.4	Patch Panel
96-705	HK	10-Apr-97	2064805	14-Jul-97	2064805	Connection module
98-711	HK	02-Dec-98	9811559.5	5-Feb-99	9811559.5	MiniLAN
99-702	HK	09-Dec-99	9911675	20-Apr-00	9911675.2	1 pair-wire protective plug for highband module
02-703	HK	25-Feb-03	0310273.2	9-May-03	0310273.2	Connection-, Disconnection- and Distribution Module
04-704	HK	25-Feb-05	0500381.1	25-Feb-05	0500381.1	Distribution frame for the telecommunication and data technique (Patch Panel)
04-705	HK	25-Feb-05	0500382.3	25-Feb-05	0500382.3	Distribution frame for the telecommunication and data technique (Patch Panel)
04-706	HK	25-Feb-05	0500383.5	25-Feb-05	0500383.5	Distribution frame for the telecommunication and data technique (Patch Panel)
97-701	HK	11-Aug-97	9710081.8	27-Mar-98	9710081.8	Cross connection cabinet
98-701	HK	19-Jun-98	9810836.2	30-Sep-98	9810836.2	Surge Arrester Magazine (LSA Plus NT)
96-706	HK	26-Sep-97	9710288.7M001	11-Dec-98	9710288.7M001	Printed-circuit board module
96-706	HK	26-Sep-97	9710288.7M002	11-Dec-98	9710288.7M002	Printed-circuit board module

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
96-705	HR	06-Jun-97	M97006A	10-May-99	M97006	Connection module
96-706	HR	21-Nov-97	M970147A	10-May-99	M970147	Printed-circuit board module
96-707	HR	21-Nov-97	M970148A	10-May-99	M970148	Printed-circuit board module
98-701	HR	14-Aug-98	M980131A	15-Jun-99	M980131	Surge Arrester Magazine (LSA Plus NT)
99-703	HR	29-May-00	P 20000086A	23-Aug-01	D20000086	RJ plug for Highband-Plus
08-710	HR	01-Apr-09	489287001	8-May-09	DM/071613	Connector module
99-703	HU	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	HU	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
98-701	HU	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
89-721	HU	22-Dec-89	DM/015410	8-Mar-90	DM/015410	Computer terminal with ergonomic alphanumerical keyboard
89-722	HU	22-Dec-89	DM/015411	8-Mar-90	DM/015411	Computer terminal with ergonomic numerical keyboard
96-707	HU	04-Jun-97	DMA/003 739	4-Jun-98	DM/043800	Printed-circuit board module
97-701	HU	04-Jun-97	DMA/003 740	6-Apr-98	DM/042784	Cross connection cabinet
96-706	HU	04-Jun-97	DMA/003 741	4-Jun-98	DM/043801	Printed-circuit board module
96-705	HU	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-702	HU	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
02-703	HU	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
08-708	ID	24-Mar-09	A00200900972	14-Oct-10	ID0024308-D	Base plate for a telecommunications outlet box
07-704	ID	16-Apr-08	A002008001135			Cross Connect Block
84-703	ID	04-Feb-85	DM/004723	27-Jun-85	DM/004723	
99-703	ID	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	ID	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
02-702	ID	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
98-701	ID	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
86-710	ID	07-Apr-87	DM/008456	14-Jul-87	DM/008456	Telephon apparatus Studio 89/0
89-721	ID	22-Dec-89	DM/015410	8-Mar-90	DM/015410	Computer terminal with ergonomic alphanumerical keyboard
89-722	ID	22-Dec-89	DM/015411	8-Mar-90	DM/015411	Computer terminal with ergonomic numerical keyboard
08-710	ID	01-Apr-09	489287001	8-May-09	DM/071613	Connector module
96-707	ID	04-Jun-97	DMA/003 739	4-Jun-98	DM/043800	Printed-circuit board module
97-701	ID	04-Jun-97	DMA/003 740	6-Apr-98	DM/042784	Cross connection cabinet
96-706	ID	04-Jun-97	DMA/003 741	4-Jun-98	DM/043801	Printed-circuit board module
96-705	ID	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-703	ID	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
89-722	IE	18-Jul-89	D 12/90	26-Nov-90	D 8704	Computer terminal with ergonomic numerical keyboard
89-721	IE	18-Jul-89	D 13/90	26-Nov-90	D 8705	Computer terminal with ergonomic alphanumerical keyboard
86-711	IE	03-Apr-87	D 76/87	4-Sep-87	D 7347	Telephon apparatus Studio 89/1
86-710	IE	03-Apr-87	D 77/87	7-Sep-87	D 7348	Telephon apparatus Studio 89/0
02-702	IE	07-Aug-02	2002/1118	2-Jul-03	20163	Electrical Connector (without cover)
99-703	IE	26-May-00	263/00	6-Oct-00	D.13412	RJ plug for Highband-Plus
02-703	IE	18-Feb-03	D2003/0108	18-Feb-03	D20155	Connection-, Disconnection- and Distribution Module
96-707	IE	10-Sep-97	D373/97	21-Nov-97	D11790	Printed-circuit board module
96-706	IE	10-Sep-97	D374/97	21-Nov-97	D11791	Printed-circuit board module
00-713	IE	05-Oct-00	474/00			Evz
99-703	IL	29-May-00	33,626	19-Jun-02	33626	RJ plug for Highband-Plus
96-705	IL	08-Apr-97	27835	10-Nov-97	27835	Connection module
96-706	IL	02-Sep-97	28504	25-Feb-98	28504	Printed-circuit board module
96-707	IL	02-Sep-97	28505	23-Apr-98	28505	Printed-circuit board module
02-702	IL	30-Jul-02	36,805	29-Feb-04	36805	Electrical Connector (without cover)
08-710	IL	07-Apr-09	47533	7-Apr-09	47533	Connector module
98-701	IL	14-Jun-98	30006	28-Jun-99	30006	Surge Arrester Magazine (LSA Plus NT)
07-704	IN	16-Apr-08	215918	8-May-09	215918	Cross Connect Block

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
08-710	IN	25-Mar-09	221934	29-Oct-09	221934	Connector module
93-702	IN	10-May-93	165623	4-Jan-94	165623	Connection box for telecommunication equipment
95-702	IN	25-Jul-96	171876			Cross connection cabinet
97-701	IN	02-Jun-97	173957	16-Dec-97	173957	Cross connection cabinet
98-701	IN	09-Jun-98	176629			Surge Arrester Magazine (LSA Plus NT)
99-702	IN	25-Nov-99	180873	9-May-00	180873	1 pair-wire protective plug for highband module
96-705	IN	07-Apr-97	173574	7-Apr-97	173574	Connection module
97-702	IN	12-Jun-98	176644	12-Jun-98	176644	Unibox
95-703	IN	06-Sep-96	172110	11-Mar-97	172110	Cross connection cabinet with components
95-703	IN	06-Sep-96	172111	12-May-97	172111	Cross connection cabinet with components
95-703	IN	06-Sep-96	172112	23-Apr-97	172112	Cross connection cabinet with components
95-703	IN	06-Sep-96	172113	23-Apr-97	172113	Cross connection cabinet with components
95-703	IN	06-Sep-96	172114	23-Apr-97	172114	Cross connection cabinet with components
95-703	IN	06-Sep-96	172115	23-Apr-97	172115	Cross connection cabinet with components
95-703	IN	06-Sep-96	172116	23-Apr-97	172116	Cross connection cabinet with components
96-706	IN	02-Jun-97	173958	16-Dec-97	173958	Printed-circuit board module
96-707	IN	02-Jun-97	173959	16-Dec-97	173959	Printed-circuit board module
99-703	IN	26-May-00	182456	29-Nov-00	182476	RJ plug for Highband-Plus
02-702	IN	29-Jul-02	189597	9-Dec-02	0069	Electrical Connector (without cover)
07-704	IQ	16-Apr-08	10/2008			Cross Connect Block
00-713	IT	29-Sep-00	DM/053 946	5-Jan-01	DM/053946	Evz
99-703	IT	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	IT	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
02-702	IT	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
98-701	IT	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
86-711	IT	07-Apr-87	53201-B/87	30-Jan-89	50904	Telephon apparatus Studio 89/1
86-710	IT	07-Apr-87	53206-B/87	30-Jan-89	50903	Telephon apparatus Studio 89/0
89-721	IT	22-Dec-89	DM/015410	8-Mar-90	DM/015410	Computer terminal with ergonomic alphanumerical keyboard
89-722	IT	22-Dec-89	DM/015411	8-Mar-90	DM/015411	Computer terminal with ergonomic numerical keyboard
98-703	IT	03-Sep-98	T0980000227	11-Mar-02	75131	PCB Patch Panel
96-707	IT	04-Jun-97	DMA/003 739	4-Jun-98	DM/043800	Printed-circuit board module
96-706	IT	04-Jun-97	DMA/003 741	4-Jun-98	DM/043801	Printed-circuit board module
96-705	IT	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
97-701	IT	04-Jun-97	DMA/003740	6-Apr-98	DM/042784	Cross connection cabinet
02-703	IT	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
99-703	JP	29-May-00	14,204/2000	22-Dec-00	1,102,172	RJ plug for Highband-Plus
07-704	JP	16-Apr-08	009810/2008	7-Nov-08	1346035	Cross Connect Block
08-710	JP	09-Apr-09	2009-008204	4-Feb-11	1408717	Connector module
02-702	JP	09-Aug-02	21,514/2002	5-Sep-03	1,188,520	Electrical Connector (without cover)
96-705	JP	14-Apr-97	50,936/97	3-Mar-00	1,071,779	Connection module
96-707	JP	05-Sep-97	66,739/97	14-May-99	1,046,145	Printed-circuit board module
96-706	JP	05-Sep-97	66,740/97	14-May-99	1,046,146	Printed-circuit board module
89-721	JP	09-Jan-90	124/90	12-Oct-92	858,425	Computer terminal with ergonomic alphanumerical keyboard
89-722	JP	09-Nov-90	125/90	27-Apr-92	845,197	Computer terminal with ergonomic numerical keyboard
98-701	JP	15-Jun-98	16,832/98	18-Feb-00	1,070,919	Surge Arrester Magazine (LSA Plus NT)
95-702	JP	21-Aug-96	24,703/96			Cross connection cabinet
95-703	JP	21-Oct-96	31,169/96	30-Apr-99	1,045,096	Cross connection cabinet with components
95-703	JP	21-Oct-96	31,170/96	30-Apr-99	1,045,097	Cross connection cabinet with components
97-701	KE	21-Aug-97	KE/ID/97/001007	6-Apr-00	152	Cross connection cabinet
99-703	KP	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	KP	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
98-701	KP	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
08-710	KP	01-Apr-09	489287001	8-May-09	DM/071613	Connector module
97-701	KP	04-Jun-97	DMA/003 740	6-Apr-98	DM/042784	Cross connection cabinet
96-705	KP	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-703	KP	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
04-702	KR	06-Aug-04	2004-23965	6-Dec-04	369780	Wall Outlet Box
04-701	KR	06-Aug-04	2004-23966	22-Apr-05	369780-01	Wall Outlet Box
04-703	KR	16-Dec-04	2004-38682	12-Aug-05	389778	Patch Panel
97-701	KR	12-Sep-97	97-19678	20-Aug-98	226190	Cross connection cabinet
99-702	KR	08-Dec-99	99-29573	20-Mar-01	275359	1 pair-wire protective plug for highband module
02-703	KR	06-Mar-03	2003-6005	27-Aug-03	332420	Connection-, Disconnection- and Distribution Module
04-704	KR	22-Feb-05	2005-5661	25-Apr-05	380356	Distribution frame for the telecommunication and data technique (Patch Panel)
04-705	KR	22-Feb-05	2005-5662	25-Apr-05	380357	Distribution frame for the telecommunication and data technique (Patch Panel)
04-706	KR	22-Feb-05	2005-5663	30-Jun-05	380357-01	Distribution frame for the telecommunication and data technique (Patch Panel)
07-704	KR	16-Apr-08	2008-16283	24-Feb-09	521838	Cross Connect Block
08-710	KR	14-Apr-09	2009-15890	17-Dec-10	30-0583404	Connector module
89-721	KR	18-Jan-90	90.636	20-Feb-91	112635	Computer terminal with ergonomic alphanumerical keyboard
89-722	KR	18-Jan-90	90.637	20-Feb-91	112636	Computer terminal with ergonomic numerical keyboard
98-711	KR	27-Nov-98	98-20633	15-Nov-99	251282	MiniLAN
96-706	LB	28-Feb-98	147700	28-Feb-98	1509	Printed-circuit board module
96-707	LB	28-Feb-98	147701	28-Feb-98	1510	Printed-circuit board module
00-713	LI	29-Sep-00	DM/053 946	5-Jan-01	DM/053946	Evz
84-703	LI	04-Feb-85	DM/004723	27-Jun-85	DM/004723	
99-703	LI	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	LI	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
02-702	LI	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
98-701	LI	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
89-721	LI	22-Dec-89	DM/015410	8-Mar-90	DM/015410	Computer terminal with ergonomic alphanumerical keyboard
89-722	LI	22-Dec-89	DM/015411	8-Mar-90	DM/015411	Computer terminal with ergonomic numerical keyboard
96-707	LI	04-Jun-97	DMA/003 739	4-Jun-98	DM/043800	Printed-circuit board module
96-706	LI	04-Jun-97	DMA/003 741	4-Jun-98	DM/043801	Printed-circuit board module
96-705	LI	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-703	LI	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
07-704	LK	16-Apr-08	8745	23-Nov-09	8745	Cross Connect Block
02-702	LT	01-Aug-02	2002054	30-Jun-03	1331	Electrical Connector (without cover)
96-707	LT	25-Sep-97	97-138	27-May-99	918	Printed-circuit board module
96-706	LT	25-Sep-97	97-139	27-May-99	919	Printed-circuit board module
98-701	LT	10-Jul-98	98-111	27-May-99	910	Surge Arrester Magazine (LSA Plus NT)
96-705	LT	05-May-97	97-062	25-Feb-98	699	Connection module
99-703	LT	29-May-00	2000041	30-Apr-01	1167	RJ plug for Highband-Plus
00-713	LU	29-Sep-00	DM/053 946	5-Jan-01	DM/053946	Evz
84-703	LU	04-Feb-85	DM/004723	27-Jun-85	DM/004723	
99-703	LU	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	LU	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
02-702	LU	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
98-701	LU	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
86-710	LU	07-Apr-87	DM/008456	14-Jul-87	DM/008456	Telephon apparatus Studio 89/0
89-721	LU	22-Dec-89	DM/015410	8-Mar-90	DM/015410	Computer terminal with ergonomic alphanumerical keyboard
89-722	LU	22-Dec-89	DM/015411	8-Mar-90	DM/015411	Computer terminal with ergonomic numerical keyboard
96-707	LU	04-Jun-97	DMA/003 739	4-Jun-98	DM/043800	Printed-circuit board module
97-701	LU	04-Jun-97	DMA/003 740	6-Apr-98	DM/042784	Cross connection cabinet

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
96-706	LU	04-Jun-97	DMA/003 741	4-Jun-98	DM/043801	Printed-circuit board module
96-705	LU	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
99-703	LV	30-May-00	D-00-20	20-Sep-00	D10539	RJ plug for Highband-Plus
02-702	LV	08-Aug-02	D-02-57	20-Dec-02	D 10705	Electrical Connector (without cover)
96-705	LV	16-Apr-97	D-97-44	20-Aug-97	D10293	Connection module
96-707	LV	22-Sep-97	D-97-81	20-Feb-98	D 10339	Printed-circuit board module
96-706	LV	22-Sep-97	D-97-82	20-Feb-98	D 10340	Printed-circuit board module
98-701	LV	07-Jul-98	D-98-38	20-Nov-98	D 10 404	Surge Arrester Magazine (LSA Plus NT)
84-703	MA	04-Feb-85	DM/004723	27-Jun-85	DM/004723	
99-703	MA	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	MA	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
98-701	MA	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
86-710	MA	07-Apr-87	DM/008456	14-Jul-87	DM/008456	Telephon apparatus Studio 89/0
89-721	MA	22-Dec-89	DM/015410	8-Mar-90	DM/015410	Computer terminal with ergonomic alphanumerical keyboard
89-722	MA	22-Dec-89	DM/015411	8-Mar-90	DM/015411	Computer terminal with ergonomic numerical keyboard
96-705	MA	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-702	MA	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
02-703	MA	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
00-713	MC	29-Sep-00	DM/053 946	5-Jan-01	DM/053946	Evz
99-703	MC	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	MC	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
02-702	MC	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
98-701	MC	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
96-707	MC	04-Jun-97	DMA/003 739	4-Jun-98	DM/043800	Printed-circuit board module
96-706	MC	04-Jun-97	DMA/003 741	4-Jun-98	DM/043801	Printed-circuit board module
96-705	MC	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-703	MC	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
99-703	MD	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	MD	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
98-701	MD	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
96-705	MD	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-702	MD	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
02-703	MD	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
99-703	MK	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
02-702	MK	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
02-703	MK	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
99-703	MN	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
08-710	MN	01-Apr-09	489287001	8-May-09	DM/071613	Connector module
02-703	MN	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
98-711	MO	25-Feb-99	28.945	29-Sep-99	28.945	MiniLAN
02-703	MO	03-Mar-03	D/0000115 (489)	8-Mar-05	D/0000115 (489)	Connection-, Disconnection- and Distribution Module
06-702	MX	19-Jan-07	MX/f/2007/000144	7-Jan-08	24858	Connector Block
06-703	MX	26-Sep-07	MX/f/2007/002069	14-Jan-09	27475	Patch Plug
95-702	MX	29-Aug-96	96831	24-Mar-99	10024	Cross connection cabinet
95-703	MX	29-Aug-96	96832	24-Mar-99	10025	Cross connection cabinet with components
97-701	MX	04-Sep-97	970854	25-Aug-99	10546	Cross connection cabinet
04-704	MX	24-Feb-05	PA/f/2005/000286	8-Feb-06	20074	Distribution frame for the telecommunication and data technique (Patch Panel)
04-705	MX	24-Feb-05	PA/f/2005/000287	8-Feb-06	20077	Distribution frame for the telecommunication and data technique (Patch Panel)
04-706	MX	24-Feb-05	PA/f/2005/000291	8-Feb-06	20076	Distribution frame for the telecommunication and data technique (Patch Panel)
99-703	MX	29-May-00	000724	26-Jun-02	13881	RJ plug for Highband-Plus
96-705	MX	05-Jun-97	970514	13-Oct-99	10695	Connection module

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
96-707	MX	19-Nov-97	971124	16-Feb-00	11158	Printed-circuit board module
96-706	MX	19-Nov-97	971125	1-Dec-99	10881	Printed-circuit board module
98-701	MX	11-Jun-98	980560	26-Jul-00	11657	Surge Arrester Magazine (LSA Plus NT)
97-702	MX	18-Jun-98	980573	16-Feb-00	11164	Unibox
02-703	MX	27-Feb-03	PA/f/2003/000181	27-Oct-04	17029	Connection-, Disconnection- and Distribution Module
97-701	MY	24-Jul-97	2067695	11-Dec-97	2067695	Cross connection cabinet
02-702	MY	13-Aug-02	02-00484	31-Jul-03	MY 02-00484	Electrical Connector (without cover)
02-703	MY	24-Feb-03	03-00115	13-Nov-03	MY 03-00115	Connection-, Disconnection- and Distribution Module
07-704	MY	16-Apr-08	08-00531-0101	28-May-09	MY08-00531-010	Cross Connect Block
08-710	MY	13-Apr-09	09-00326-0101	26-Nov-09	MY 09-00326-010	Connector module
96-705	MY	10-Apr-97	2064805	14-Jul-97	2064805	Connection module
98-701	MY	22-Jun-98	2075510	4-Nov-98	2,075,510	Surge Arrester Magazine (LSA Plus NT)
00-713	NL	29-Sep-00	DM/053 946	5-Jan-01	DM/053946	Evz
84-703	NL	04-Feb-85	DM/004723	27-Jun-85	DM/004723	
99-703	NL	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	NL	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
02-702	NL	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
98-701	NL	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
86-710	NL	07-Apr-87	DM/008456	14-Jul-87	DM/008456	Telephon apparatus Studio 89/0
89-721	NL	22-Dec-89	DM/015410	8-Mar-90	DM/015410	Computer terminal with ergonomic alphanumerical keyboard
89-722	NL	22-Dec-89	DM/015411	8-Mar-90	DM/015411	Computer terminal with ergonomic numerical keyboard
96-707	NL	04-Jun-97	DMA/003 739	4-Jun-98	DM/043800	Printed-circuit board module
97-701	NL	04-Jun-97	DMA/003 740	6-Apr-98	DM/042784	Cross connection cabinet
96-706	NL	04-Jun-97	DMA/003 741	4-Jun-98	DM/043801	Printed-circuit board module
96-705	NL	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
08-710	NO	01-Apr-09	20090177	23-Oct-09	082016	Connector module
98-701	NO	23-Jun-98	980466	25-Oct-99	75238	Surge Arrester Magazine (LSA Plus NT)
99-703	NO	29-May-00	20000364	10-Jan-01	76709	RJ plug for Highband-Plus
02-702	NO	12-Aug-02	20020508	4-Nov-04	78331	Electrical Connector (without cover)
96-705	NO	08-Apr-97	D970219	16-Oct-97	73850	Connection module
96-707	NO	05-Sep-97	D970593	14-Jul-98	74386	Printed-circuit board module
96-706	NO	05-Sep-97	D970594	14-Jul-98	74387	Printed-circuit board module
07-704	NP	16-Apr-08	3056			Cross Connect Block
06-702	NZ	24-Jan-07	408592	25-Oct-07	408592	Connector Block
06-703	NZ	12-Sep-07	409653	1-Nov-07	409653	Patch Plug
06-703	NZ	12-Sep-07	409654	1-Nov-07	409654	Patch Plug
06-704	NZ	12-Sep-07	409655	1-Nov-07	409655	Dust Cover for an Electrical Connector
06-704	NZ	12-Sep-07	409656	1-Nov-07	409656	Dust Cover for an Electrical Connector
08-702	NZ	25-Sep-08	411462	30-Apr-09	411462	Cable Housing
08-705	NZ	14-Nov-08	411612	30-Apr-09	411612	Reel assembly
08-710	NZ	09-Apr-09	412178	30-Apr-09	412178	Connector module
10-705	NZ	07-Apr-11	414780	12-Apr-11	414780	Wire termination tool
89-725	NZ	17-Apr-89	22878	28-Nov-90	22878	Electrical connector
89-726	NZ	17-Apr-89	22879	28-Nov-90	22879	Electrical connector
89-728	NZ	17-Apr-89	22880	28-Nov-90	22880	Connection device
89-729	NZ	17-Apr-89	22881	28-Feb-90	22881	Mounting clip
98-711	NZ	29-Oct-98	29751	29-Mar-99	29751	MiniLAN
85-704	NZ	29-Apr-86	20439	2-Oct-87	20439	Base for electrical terminal devices
93-704	NZ	14-Jul-93	25309	25-Nov-94	25309	Mounting clip
96-706	NZ	03-Sep-97	28796	22-Dec-97	28796	Printed-circuit board module
96-707	NZ	03-Sep-97	28797	22-Dec-97	28797	Printed-circuit board module

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
99-703	NZ	26-May-00	400809	7-Sep-00	400809	RJ plug for Highband-Plus
02-702	NZ	02-Aug-02	402860	24-Oct-02	402860	Electrical Connector (without cover)
99-703	PH	29-May-00	3-2000-00320	9-Apr-02	3-2000-00320	RJ plug for Highband-Plus
96-706	PH	11-Nov-97	D-12973	28-Nov-00	3-1997-12973	Printed-circuit board module
96-707	PH	11-Nov-97	D-12974	28-Nov-00	3-1997-12974	Printed-circuit board module
02-703	PH	27-Feb-03	3-2003-000137	20-Apr-04	3-2003-000137	Connection-, Disconnection- and Distribution Module
07-704	PH	15-Apr-08	3-2008-000364	13-Oct-08	3-2008-000364	Cross Connect Block
08-710	PH	01-Apr-09	3-2009-000179			Connector module
07-704	PK	15-Apr-08	13835-D	12-Nov-08	13835-D	Cross Connect Block
08-710	PK	30-Mar-09	14281-D	25-Sep-09	14281-D	Connector module
93-702	PK	15-Aug-93	8860-D	4-Apr-95	8860-EX	Connection box for telecommunication equipment
96-706	PK	30-Sep-97	9811-D	17-Jul-98	9811-D	Printed-circuit board module
96-707	PK	30-Sep-97	9812-D	17-Jul-98	9812-D	Printed-circuit board module
99-703	PK	27-May-00	10496-D	28-Nov-00	10496-D	RJ plug for Highband-Plus
04-702	PL	26-Aug-04	WP-6460	24-Aug-05	RP 8119	Wall Outlet Box
04-701	PL	26-Aug-04	WP-6461	24-Aug-05	RP 8120	Wall Outlet Box
96-705	PL	09-Jun-97	W-14662	4-May-99	16369	Connection module
99-703	PL	29-May-00	Wz- 20004	3-Nov-03	RP 1623	RJ plug for Highband-Plus
02-702	PL	13-Aug-02	Wp-1598	8-Jul-04	3978	Electrical Connector (without cover)
98-701	PL	26-Aug-98	W-16738	24-Nov-00	RZ 17774	Surge Arrester Magazine (LSA Plus NT)
95-702	PL	02-Aug-96	W-13254	25-Mar-98	15316	Cross connection cabinet
95-703	PL	09-Sep-96	W-13440	25-Sep-98	Rz-15834	Cross connection cabinet with components
97-701	PL	01-Aug-97	W-14916	10-Oct-99	16549	Cross connection cabinet
86-711	PT	08-Apr-87	19.610	22-May-89	19.610	Telephon apparatus Studio 89/1
86-710	PT	08-Apr-87	19.611	22-May-89	19.611	Telephon apparatus Studio 89/0
89-721	PT	17-Jan-90	22.161	28-Aug-92	22.161	Computer terminal with ergonomic alphanumerical keyboard
89-722	PT	17-Jan-90	22.162	30-Sep-92	22.162	Computer terminal with ergonomic numerical keyboard
98-711	PT	25-Feb-99	28.945	29-Sep-99	28.945	MiniLAN
96-707	PT	23-Sep-97	28.131	28-Aug-98	28.131	Printed-circuit board module
96-706	PT	23-Sep-97	28.132	28-Aug-98	28.132	Printed-circuit board module
99-703	PT	30-May-00	29.714	19-Feb-01	29714	RJ plug for Highband-Plus
02-702	PT	14-Aug-02	31.074	20-May-03	31074	Electrical Connector (without cover)
00-713	PT	02-Oct-00	29 953	19-Jul-01	29 953	Evz
99-703	RO	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	RO	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
02-702	RO	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
98-701	RO	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
96-707	RO	04-Jun-97	DMA/003 739	4-Jun-98	DM/043800	Printed-circuit board module
97-701	RO	04-Jun-97	DMA/003 740	6-Apr-98	DM/042784	Cross connection cabinet
96-706	RO	04-Jun-97	DMA/003 741	4-Jun-98	DM/043801	Printed-circuit board module
96-705	RO	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-703	RO	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
04-701	RU	26-Aug-04	2004502255	16-Apr-06	58929	Wall Outlet Box
04-702	RU	26-Aug-04	2004502256	16-Apr-06	58930	Wall Outlet Box
08-710	RU	13-Apr-09	2009501026	16-Jun-10	75165	Connector module
93-702	RU	20-Sep-93	93044679	21-Sep-95	42369	Connection box for telecommunication equipment
97-701	RU	12-Sep-97	97500868	16-Apr-99	45513	Cross connection cabinet
98-701	RU	07-Jul-98	98500801	16-Nov-99	46416	Surge Arrester Magazine (LSA Plus NT)
97-702	RU	30-Jun-98	98500745	16-May-00	47202	Unibox
99-703	RU	30-May-00	2000500920	16-Feb-02	49957	RJ plug for Highband-Plus
96-705	RU	28-May-97	97500434	16-Oct-98	44735	Connection module

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
96-707	RU	20-Nov-97	97501145	16-Apr-99	45401	Printed-circuit board module
96-706	RU	20-Nov-97	97501146	16-Apr-99	45402	Printed-circuit board module
02-702	RU	13-Aug-02	2002501384	16-Jul-03	52818	Electrical Connector (without cover)
89-721	SE	18-Dec-89	89-2900	27-Dec-90	48875	Computer terminal with ergonomic alphanumerical keyboard
89-722	SE	18-Dec-89	89-2901	27-Dec-90	48876	Computer terminal with ergonomic numerical keyboard
99-703	SE	29-May-00	00-1006	24-Oct-01	67600	RJ plug for Highband-Plus
95-703	SE	23-Aug-96	96-1747	11-Feb-98	62249	Cross connection cabinet with components
95-703	SE	08-Apr-97	97-0819	11-Feb-98	62250	Cross connection cabinet with components
95-703	SE	08-Apr-97	97-0820	11-Feb-98	62287	Cross connection cabinet with components
95-703	SE	08-Apr-97	97-0821	11-Feb-98	62288	Cross connection cabinet with components
95-703	SE	08-Apr-97	97-0822	11-Feb-98	62251	Cross connection cabinet with components
95-703	SE	08-Apr-97	97-0823	11-Feb-98	62289	Cross connection cabinet with components
95-703	SE	08-Apr-97	97-0824	11-Feb-98	62290	Cross connection cabinet with components
98-701	SE	10-Jun-98	98-1227	12-Apr-00	64861	Surge Arrester Magazine (LSA Plus NT)
02-702	SE	02-Aug-02	02-1144	9-Jul-03	76174	Electrical Connector (without cover)
96-705	SE	08-Apr-97	97-0825	8-Apr-98	62456	Connection module
97-701	SE	29-Jul-98	97-1654	9-Dec-98	63275	Cross connection cabinet
96-706	SE	16-Sep-97	97-2066	13-Jan-99	63433	Printed-circuit board module
96-707	SE	16-Sep-97	97-2067	13-Jan-99	63434	Printed-circuit board module
00-713	SE	02-Oct-00	00-1796	20-Feb-02	68341	Evz
08-708	SG	18-Mar-09	D2009/240/A	11-Jun-09	D2009/240/A	Base plate for a telecommunications outlet box
07-704	SG	16-Apr-08	D2008/441/G	12-Jun-08	D2008/441/G	Cross Connect Block
99-702	SG	08-Feb-00	DU2005/153/A	11-May-05	DU2005/153/A	1 pair-wire protective plug for highband module
97-701	SG	24-Jul-97	2067695	11-Dec-97	2067695	Cross connection cabinet
02-703	SG	07-Mar-03	D2003/404/D	3-Jun-03	D2003/404/D	Connection-, Disconnection- and Distribution Module
08-710	SG	01-Apr-09	489287001	8-May-09	DM/071613	Connector module
98-701	SK	18-Aug-98	PVz 0190-98	6-Jul-99	25787	Surge Arrester Magazine (LSA Plus NT)
96-705	SK	05-Jun-97	151-97	18-Dec-97	25 419	Connection module
96-706	SK	18-Nov-97	PVz0296-97	15-Jul-98	25552	Printed-circuit board module
99-703	SK	30-May-00	PVz 0109-2000	24-Nov-00	26149	RJ plug for Highband-Plus
02-702	SK	08-Aug-02	PVz0161-2002	15-May-03	26647	Electrical Connector (without cover)
96-707	SK	18-Nov-97	PVz0295-97	25-Sep-98	25605	Printed-circuit board module
99-703	SN	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	SN	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
98-701	SN	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
96-705	SN	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-703	SN	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
99-703	SR	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	SR	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
98-701	SR	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
96-705	SR	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-703	SR	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
07-704	TH	17-Apr-08	0802001332			Cross Connect Block
08-710	TH	03-Apr-09	0902001048			Connector module
93-702	TH	21-Jun-93	019312	30-Aug-01	10900	Connection box for telecommunication equipment
95-702	TH	16-Aug-96	032841			Cross connection cabinet
95-703	TH	05-Sep-96	033111			Cross connection cabinet with components
95-703	TH	05-Sep-96	033112			Cross connection cabinet with components
95-703	TH	05-Sep-96	033113	30-Aug-01	10900	Cross connection cabinet with components
96-706	TH	21-Nov-97	040887	27-Feb-04	16318	Printed-circuit board module
96-707	TH	21-Nov-97	040888	21-May-03	14765	Printed-circuit board module

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
99-703	TH	29-May-00	057890	18-Sep-06	20553	RJ plug for Highband-Plus
02-703	TH	28-Feb-03	080523	5-Jun-09	26095	Connection-, Disconnection- and Distribution Module
84-703	TN	04-Feb-85	DM/004723	27-Jun-85	DM/004723	
99-703	TN	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	TN	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
02-702	TN	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
98-701	TN	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
86-710	TN	07-Apr-87	DM/008456	14-Jul-87	DM/008456	Telephon apparatus Studio 89/0
89-721	TN	22-Dec-89	DM/015410	8-Mar-90	DM/015410	Computer terminal with ergonomic alphanumerical keyboard
89-722	TN	22-Dec-89	DM/015411	8-Mar-90	DM/015411	Computer terminal with ergonomic numerical keyboard
96-705	TN	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-703	TN	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
96-705	TR	06-May-97	2646	1-Jun-98	2646	Connection module
96-707	TR	01-Oct-97	3445	1-Oct-97	3445	Printed-circuit board module
96-706	TR	01-Oct-97	3446	1-Oct-97	3446	Printed-circuit board module
97-702	TR	18-Jun-98	63307	15-Sep-98	4970	Unibox
99-703	TR	30-May-00	00/000824	1-Oct-00	8663	RJ plug for Highband-Plus
02-702	TR	02-Aug-02	2002/01974	2-Aug-02	200201974	Electrical Connector (without cover)
93-702	TR	04-Dec-95	95/001440	30-Jul-96	536	Connection box for telecommunication equipment
98-701	TR	07-Aug-98	98/001174	1-Jul-99	5105	Surge Arrester Magazine (LSA Plus NT)
08-710	TR	01-Apr-09	489287001	8-May-09	DM/071613	Connector module
04-701	TW	19-Aug-04	093304974	11-Aug-05	D105998	Wall Outlet Box
04-702	TW	19-Aug-04	093304975	11-Aug-05	D105999	Wall Outlet Box
96-705	TW	28-Apr-97	86303523	1-Jul-99	ND-064668	Connection module
96-707	TW	05-Jun-97	86304836	11-Jan-98	ND-060900	Printed-circuit board module
96-706	TW	05-Jun-97	86304837	11-Jan-98	ND-060955	Printed-circuit board module
98-701	TW	01-Jul-98	87304853	24-Jan-02	ND-076243	Surge Arrester Magazine (LSA Plus NT)
99-703	TW	05-Jul-00	89304547	8-Aug-01	ND-073147	RJ plug for Highband-Plus
04-703	TW	15-Dec-04	093307716	11-Dec-05	D108321	Patch Panel
08-708	TW	10-Mar-09	098300971	11-Dec-09	D132462	Base plate for a telecommunications outlet box
02-703	TW	03-Mar-03	092301157	16-Jun-04	ND-089175	Connection-, Disconnection- and Distribution Module
04-706	TW	25-Feb-05	094301060	11-Mar-06	D109633	Distribution frame for the telecommunication and data technique (Patch Panel)
04-705	TW	25-Feb-05	094301062	21-May-07	D117147	Distribution frame for the telecommunication and data technique (Patch Panel)
04-704	TW	25-Feb-05	094301063	21-Mar-06	D109770	Distribution frame for the telecommunication and data technique (Patch Panel)
07-704	TW	16-Apr-08	097302213	11-Nov-09	D131868	Cross Connect Block
08-710	TW	06-Apr-09	098301540	1-Apr-10	D134142	Connector module
08-711	TW	12-May-09	098302197	1-Mar-10	D133561	Cradle for a termination module
08-712	TW	12-May-09	098302198	11-Jun-10	D135329	Contacts for a termination module cradle
93-702	TW	26-May-93	82304166	22-Nov-94	041988	Connection box for telecommunication equipment
98-711	TW	22-Dec-98	87309308	23-Oct-00	ND-068600	MiniLAN
02-702	UA	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
93-702	UA	23-Feb-94	94020169	27-Feb-95	829	Connection box for telecommunication equipment
97-701	UA	22-Jul-97	97070357	27-Feb-98	1799	Cross connection cabinet
98-701	UA	31-Aug-98	98080603	7-Jun-99	2823	Surge Arrester Magazine (LSA Plus NT)
96-707	UA	21-Nov-97	97110595	25-Dec-98	2293	Printed-circuit board module
96-706	UA	21-Nov-97	97110596	25-Dec-98	2294	Printed-circuit board module
99-703	UA	29-May-00	2000050433	27-Feb-01	4209	RJ plug for Highband-Plus
96-705	UA	06-Jul-97	97060241	30-Apr-98	1894	Connection module
97-702	UA	31-Aug-98	98080602	12-Nov-99	3134	Unibox
08-710	UA	01-Apr-09	489287001	8-May-09	DM/071613	Connector module
02-703	UA	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module

File Numbe	Country	Application Day	Application Number	Issue Day	Issue Number	Title
84-703	VA	04-Feb-85	DM/004723	27-Jun-85	DM/004723	
84-703	VA	04-Feb-85	DM/004723	27-Jun-85	DM/004723	
99-703	VA	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	VA	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
98-701	VA	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
86-710	VA	07-Apr-87	DM/008456	14-Jul-87	DM/008456	Telephon apparatus Studio 89/0
86-710	VA	07-Apr-87	DM/008456	14-Jul-87	DM/008456	Telephon apparatus Studio 89/0
89-721	VA	22-Dec-89	DM/015410	8-Mar-90	DM/015410	Computer terminal with ergonomic alphanumerical keyboard
89-722	VA	22-Dec-89	DM/015411	8-Mar-90	DM/015411	Computer terminal with ergonomic numerical keyboard
96-705	VA	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-702	VA	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
02-703	VA	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
85-701	VE	27-Apr-88	633-88 (1978-85)	20-Jun-94	3.427	Telephon apparatus 350 Export
07-704	VN	16-Apr-08	3-2008-00530	3-Jul-09	13395	Cross Connect Block
08-710	VN	31-Mar-09	3-2009-000359	7-May-10	14280	Connector module
08-708	VN	19-Mar-09	3-2009-00285	28-Jan-10	14075	Base plate for a telecommunications outlet box
99-703	YU	29-May-00	DMA/004955	13-Nov-00	DM/053268	RJ plug for Highband-Plus
97-702	YU	13-Jul-98	122557601	15-Nov-98	DM/044794	Unibox
98-701	YU	13-Jul-98	122556801	13-Jul-98	DM/044793	Surge Arrester Magazine (LSA Plus NT)
96-707	YU	04-Jun-97	DMA/003 739	4-Jun-98	DM/043800	Printed-circuit board module
97-701	YU	04-Jun-97	DMA/003 740	6-Apr-98	DM/042784	Cross connection cabinet
96-706	YU	04-Jun-97	DMA/003 741	4-Jun-98	DM/043801	Printed-circuit board module
96-705	YU	28-May-97	DMA/003728	15-Jan-98	DM/041873	Connection module
02-702	YU	02-Aug-02	DMA/005901	4-Feb-03	DM/062457	Electrical Connector (without cover)
02-703	YU	27-Feb-03	DMA/005981	2-Sep-03	DM/064125	Connection-, Disconnection- and Distribution Module
06-703	ZA	27-Sep-07	2007/01745	19-Dec-08	A2007/01745	Patch Plug
06-703	ZA	27-Sep-07	2007/01746	16-Feb-10	F2007/01746	Patch Plug
08-704	ZA	14-Nov-08	F2008/01868	16-Feb-10	F2008/01868	Printed circuit board for electrical connector
99-703	ZA	29-May-00	2000/598	16-Aug-01	F2000/0598	RJ plug for Highband-Plus
04-703	ZA	06-Dec-04	2004/1693	30-Jun-05	F2004/1693	Patch Panel
97-702	ZA	08-Jul-98	98/0818	6-Jan-99	F 98/0818	Unibox
96-707	ZA	13-Oct-97	F97/1016	30-Apr-98	97/1016	Printed-circuit board module
96-706	ZA	13-Oct-97	F97/1017	30-Apr-98	97/1017	Printed-circuit board module
06-702	ZA	24-Jan-07	2007/0106	20-Mar-08	2007/0106	Connector Block
96-705	ZA	22-May-97	A97/0485	22-May-97	97/0485	Connection module
02-702	ZA	15-Feb-02	F 2002/0928	4-Mar-03	F 2002/00928	Electrical Connector (without cover)
98-701	ZA	19-Jun-98	98/0733	16-Nov-98	98/0733	Surge Arrester Magazine (LSA Plus NT)
97-701	ZA	30-Jul-97	A 97/0735	12-Mar-98	97/0735	Cross connection cabinet