

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3065099

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
HUDSON BAY IP OPPORTUNITIES MASTER FUND, LP		09/30/2014
RECEIVING PARTY DATA		
Name:	INVENTERGY, INC	
Street Address:	900 EAST HAMILTON AVENUE	
Internal Address:	SUITE 180	
City:	CAMPBELL	
State/Country:	CALIFORNIA	
Postal Code:	95008	
PROPERTY NUMBERS Total: 158		
Property Type	Number	
Patent Number:	7925762	
Patent Number:	7623529	
Application Number:	11448122	
Patent Number:	7065339	
Patent Number:	7991894	
Patent Number:	7304966	
Patent Number:	6888828	
PCT Number:	US0040606	
Patent Number:	6801452	
Patent Number:	8681751	
Patent Number:	6904035	
Patent Number:	7900242	
Patent Number:	7917620	
Patent Number:	7860102	
Application Number:	11691417	
Patent Number:	7796990	
Patent Number:	7822035	
Patent Number:	7835352	
Patent Number:	8149824	
Patent Number:	7693141	

PATENT

Property Type	Number
Patent Number:	7948955
Patent Number:	7787878
Application Number:	14323165
Patent Number:	8213419
Patent Number:	7881317
Patent Number:	8335221
Patent Number:	8125995
Patent Number:	8108526
Patent Number:	7899065
Application Number:	12211555
Patent Number:	7653076
Patent Number:	7583612
Patent Number:	8085712
Patent Number:	7710880
Patent Number:	8224325
Application Number:	14050768
Patent Number:	8582766
Application Number:	11629346
Patent Number:	8335487
Patent Number:	7787608
Patent Number:	8185105
Patent Number:	8417240
Application Number:	14285524
Application Number:	11881806
Patent Number:	7764953
Application Number:	12106693
Patent Number:	7920579
Patent Number:	7986775
Patent Number:	7349693
Patent Number:	8009549
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Patent Number:	7646702
Patent Number:	8238226
Patent Number:	7593317
Patent Number:	7929627
Patent Number:	7826557
Patent Number:	8064393
Patent Number:	8270332
Patent Number:	8582573

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REEL. 033987 FRAME. 0867

Property Type	Number
Patent Number:	6370359
Patent Number:	6381445
Patent Number:	6400929
Patent Number:	6487394
Patent Number:	6505035
Patent Number:	6597894
Patent Number:	6611676
Patent Number:	6973289
Patent Number:	7636551
Patent Number:	6637001
Application Number:	10901380
Patent Number:	6813323
Application Number:	11134448
Patent Number:	6734810
Patent Number:	6922159
Patent Number:	6940428
Patent Number:	6069884
Patent Number:	6119004
Application Number:	10419089
Patent Number:	6636723
Patent Number:	6628630
Patent Number:	6404778
Patent Number:	6611509
Patent Number:	6807162
Patent Number:	6973065
Patent Number:	7778224
Patent Number:	6765894
Patent Number:	7656844
Patent Number:	8437316
Patent Number:	6839335
Patent Number:	7072416
Patent Number:	7760815
Patent Number:	6868056
Patent Number:	6944208
Patent Number:	6781873
Patent Number:	7145886
Patent Number:	6847828
Patent Number:	7266118
Patent Number:	7392019

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REEL. 033987 FRAME. 0888

Property Type	Number
Patent Number:	7702025
Patent Number:	7460502
Patent Number:	7269774
Patent Number:	7385934
Patent Number:	7162206
Patent Number:	7746762
Patent Number:	7693140
Application Number:	11859550
Patent Number:	7299027
Application Number:	14321117
Application Number:	14321185
Application Number:	13478996
Application Number:	13532576
Application Number:	13554748
Patent Number:	8775890
Patent Number:	7251469
Patent Number:	7764711
Application Number:	11574636
Patent Number:	8086270
Patent Number:	7848439
Patent Number:	8175604
Patent Number:	7860184
Patent Number:	8073070
Patent Number:	8249132
Patent Number:	8576784
Patent Number:	8218681
Application Number:	14328576
Patent Number:	8249178
Patent Number:	5583851
Patent Number:	5873027
Patent Number:	6336040
Patent Number:	5757870
Patent Number:	5818869
Patent Number:	6175558
Patent Number:	6301237
Patent Number:	6370131
Patent Number:	6529492
Patent Number:	6549526
Patent Number:	6584088

PATENT

REEL. 033987 FRAME. 0889

Property Type	Number
Patent Number:	7136367
Patent Number:	RE41444
Patent Number:	6295301
Patent Number:	6697384
Application Number:	10235918
Patent Number:	6466563
Patent Number:	6370134
Patent Number:	7035233
Patent Number:	7535864
Patent Number:	5677929
Patent Number:	RE37420
Patent Number:	RE39954
Application Number:	10322425
Application Number:	11341430
Application Number:	12132992
Patent Number:	6738646
Patent Number:	7460880
Patent Number:	7761113
Patent Number:	6760590
Patent Number:	6799053
Patent Number:	7206587

CORRESPONDENCE DATA

Fax Number:

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.

Email: patentprocurement@perkinscoie.com

Correspondent Name: PERKINS COIE LLP

Address Line 1: 1201 THIRD AVENUE, SUITE 4900

Address Line 4: SEATTLE, WASHINGTON 98101

ATTORNEY DOCKET NUMBER:	81300-0024
NAME OF SUBMITTER:	PETER SHER
SIGNATURE:	/ps/
DATE SIGNED:	10/14/2014

Total Attachments: 61

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RELEASE

This Release of Security Interest is dated as of September 30, 2014, is by Hudson Bay IP Opportunities Master Fund, LP for itself and as collateral agent for certain buyers ("Lender").

- A. Several Security Agreements have been filed in the United States Patent and Trademark Office (the "Security Agreements").
- B. In connection with the Security Agreements, Inventergy, Inc. ("Grantor") granted to Lender a security interest (the "Security Interest") in certain of its now existing or hereafter acquired intellectual property (collectively, the "Collateral").
- C. Grantor has requested Lender to release the Security Interest in and to the Collateral, including the Patent Rights (as defined below) and Lender wishes to release the Security Interest.

NOW, THEREFORE, FOR VALUE RECEIVED, Lender does hereby irrevocably and unconditionally release the Security Interest in and to the following intellectual property held as Collateral and all rights therein of any type or description including, without limitation: (a) the patents and patent applications listed on Exhibit A attached hereto (the "Patents"); (b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, (ii) for which any of the Patents directly or indirectly forms a basis for priority, or (iii) that were co-owned applications that incorporate by reference, or are incorporated by reference into, the Patents; (c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b); (d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances; (e) all items in any of the foregoing in categories (b) through (d), whether or not expressly listed as Patents above and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like; (f) inventions, invention disclosures, and discoveries described in any of the Patents or any item in the foregoing categories (b) through (e) that (i) are included in any claim in the Patents or any item in the foregoing categories (b) through (e), (ii) are subject matter capable of being reduced to a patent claim in a reissue or reexamination proceeding brought on any of the Patents or any item in the foregoing categories (b) through (e), or (iii) could have been included as a claim in any of the Patents or any item in the foregoing categories (b) through (e); (g) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding; (h) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents or any item in any of the foregoing categories (b) through (g), including, without limitation, all causes of action and other enforcement rights for (1) damages, (2) injunctive relief, and (3) any other remedies of any kind for past, current, and future infringement; and (i) all rights to collect royalties and other payments under or on account of any of the Patents or any item in any of the foregoing categories (b) through (h) (the "Patent Rights").

Lender hereby authorizes Grantor or Grantor's authorized representative to (i) record this Release with the United States Patent and Trademark Office, and in other patent offices in the world, (ii) file UCC Financing Statement Amendments with the applicable filing office in order to terminate UCC financing statements filed on behalf of Lender against the Grantor and/or (iii) otherwise file this Release.

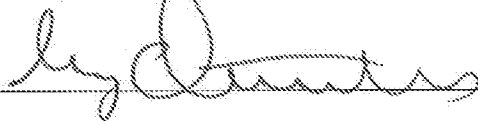
This Release is governed by and in accordance with the laws of the State of New York without regard to its rules of conflict of law, except Section 5-1401 of the New York General Obligations Law. This Release will be binding upon Lender and its successors and assigns and inures to the benefit of Grantor, any acquirer of the Patents and their respective successors and assigns.

To the extent a court of competent jurisdiction would apply the law of the State of California notwithstanding the express selection of the laws of New York, Lender acknowledges that it is aware that it may hereafter discover facts different from or in addition to what it now knows, believes or suspects to be true with respect to the matters herein released, and the releases in this Release will be and remain in effect in all respects as complete, general releases, notwithstanding any such different or additional facts. Lender acknowledges that it has been informed of Section 1542 of the Civil Code of the State of California, and does hereby expressly waive and relinquish all rights and benefits, if any, which it has or may have under said Section 1542, which reads as follows:

A general release does not extend to claims which the creditor does not know or suspect to exist in his favor at the time of executing the release, which if known by him must have materially affected his settlement with the debtor.

IN WITNESS WHEREOF, Lender has caused this Release to be executed as of the date set forth above.

Hudson Bay Master Fund Ltd

By: 

Name: George Antonopoulos

Title: Authorized Signatory

EXHIBIT A

Unique ID	Patent Number	Country	Portfolio Status	Title	Issue / Publication Date	Application Number	Filing Date
14NC01-001-01	CN1262139	CN	Granted	SERVICE & OTHER INFORMATION TRANSFER FROM E.G. VISITED NETWORK TO HOME NETWORK INR00 REFERENCE ARCHITECTURE	2006/06/28	CN00819795.4	2000/08/10
14NC01-001-02	DE60023359	DE	Granted	SERVICE & OTHER INFORMATION TRANSFER FROM E.G. VISITED NETWORK TO HOME NETWORK INR00 REFERENCE ARCHITECTURE	2006/07/06	EP00956419.6	2000/08/10
14NC01-001-03	FR1310129	FR	Granted	SERVICE & OTHER INFORMATION TRANSFER FROM E.G. VISITED NETWORK TO HOME NETWORK INR00 REFERENCE ARCHITECTURE	2005/10/19	EP00956419.6	2000/08/10
14NC01-001-04	GB1310129	GB	Granted	SERVICE & OTHER INFORMATION TRANSFER FROM E.G. VISITED NETWORK TO HOME NETWORK INR00 REFERENCE ARCHITECTURE	2005/10/19	EP00956419.6	2000/08/10
14NC01-001-05	KR693394	KR	Granted	SERVICE & OTHER INFORMATION TRANSFER FROM E.G. VISITED NETWORK TO HOME NETWORK INR00 REFERENCE ARCHITECTURE	2007/03/12	KR7001821/2003	2000/08/10
14NC01-001-08	PCT/EP00/07779	WO	Precursor			PCT/EP00/07779	2000/08/10
14NC01-001-06	RU2262213	RU	Granted	SERVICE & OTHER INFORMATION TRANSFER FROM E.G. VISITED NETWORK TO HOME NETWORK INR00 REFERENCE ARCHITECTURE	2005/10/10	RU2003103593	2000/08/10
14NC01-001-07	US7925762	US	Granted	SERVICE & OTHER INFORMATION TRANSFER FROM E.G. VISITED NETWORK TO HOME NETWORK INR00 REFERENCE ARCHITECTURE	2011/04/12	US10/343707	2000/08/10
14NC01-002-02	CN100473217	CN	Granted	Communication network system and network device thereof and method of providing communication	2009/03/25	CN01817056	2001/10/09
14NC01-002-04	PCT/EP00/09886	WO	Precursor			PCT/EP00/09886	2000/10/09
14NC01-002-03	PCT/EP01/11656	WO	Precursor			PCT/EP01/11656	2001/10/09
14NC01-002-01	US7623529	US	Granted	NETWORK INITIATED DEREGISTRATION FROM IP MULTIMEDIA SERVICES	2009/11/24	US10/398575	2001/10/09
14NC01-003-01	AT1346558	AT	Granted	PREPAID SERVER	2007/08/15	EP00987457.9	2000/12/22
14NC01-003-02	BRPI0017382	BR	Pending	PREPAID SERVER	2003/10/21	BRPI0017382.7	2000/12/22
14NC01-003-03	CA2428329	CA	Granted	PREPAID SERVER	2007/05/29	CA2428329	2000/12/22
14NC01-003-04	CH1346558	CH	Granted	PREPAID SERVER	2007/07/11	EP00987457.9	2000/12/22

14NC01-003-05	CN1279741	CN	Granted	PREPAID SERVER	2007/07/11	CN00820083.1	2000/12/22
14NC01-003-06	DE60035531	DE	Granted	PREPAID SERVER	2007/07/11	EP00987457.9	2000/12/22
14NC01-003-07	ES1346558	ES	Granted	PREPAID SERVER	2008/01/16	EP00987457.9	2000/12/22
14NC01-003-08	FR1346558	FR	Granted	PREPAID SERVER	2007/07/11	EP00987457.9	2000/12/22
14NC01-003-09	GB1346558	GB	Granted	PREPAID SERVER	2007/07/11	EP00987457.9	2000/12/22
14NC01-003-10	IT1346558	IT	Granted	PREPAID SERVER	2007/07/11	EP00987457.9	2000/12/22
14NC01-003-11	NL1346558	NL	Granted	PREPAID SERVER	2007/07/11	EP00987457.9	2000/12/22
14NC01-003-16	PCT/EP00/013248	WO	Precursor			PCT/EP00/013248	2000/12/22
14NC01-003-12	SE1346558	SE	Granted	PREPAID SERVER	2007/07/11	EP00987457.9	2000/12/22
14NC01-003-13	TR200706776T4	TR	Granted	PREPAID SERVER	2007/07/11	TR00987457.9	2000/12/22
14NC01-003-14	US11/448122	US	Not owned by INVT	PREPAID SERVER		US11/448122	2006/06/07
14NC01-003-15	US7065339	US	Granted	PREPAID SERVER	2006/06/20	US10/451236	2000/12/22
14NC01-004-01	DE60109066	DE	Granted	MULTIPLEXING SIP CALL CONTROL CONTENT OVER SUCCESSIVE SIP MESSAGES	2006/04/13	EP01929406.5	2001/03/05
14NC01-004-02	GB1368946	GB	Granted	MULTIPLEXING SIP CALL CONTROL CONTENT OVER SUCCESSIVE SIP MESSAGES	2005/02/23	EP01929406.5	2001/03/05
14NC01-004-04	PCT/EP01/02473	WO	Precursor			PCT/EP01/02473	2001/03/05
14NC01-004-03	US7991894	US	Granted	MULTIPLEXING SIP CALL CONTROL CONTENT OVER SUCCESSIVE SIP MESSAGES	2011/08/02	US10/469787	2001/03/05
14NC01-005-02	PCT/EP01/06517	WO	Precursor			PCT/EP01/06517	2002/12/20
14NC01-005-01	US7304966	US	Granted	Accessing ip multimedia subsystem	2007/12/04	US10/479457	2003/12/02
14NC01-006-02	PCT/IB02/04029	WO	Precursor			PCT/IB02/04029	2002/01/10
14NC01-006-01	US6888828	US	Granted	SERVICE EXECUTION SERVER CHAINING	2005/05/03	US09/967927	2001/10/02
14NC01-007-01	DE60046674	DE	Granted	AN INTER-WORKING UNIT (GATEWAY) BETWEEN AAL2 (ATM) BASED RANAND RTP MULTIPLEXING (IP) BASED RAN IN 3G CELLULAR ACCESS NETWORKS	2011/11/16	EP00965599.4	2000/08/09
14NC01-007-02	JP2003507936	JP	Lapsed	AN INTER-WORKING UNIT (GATEWAY) BETWEEN AAL2 (ATM) BASED RANAND RTP MULTIPLEXING	2003/02/25	JP2001-517771	2000/08/09

				(IP) BASED RAN IN 3G CELLULAR ACCESS NETWORKS			
14NC01-007-04	PCT/US00/40606	WO	Precursor			PCT/US00/40606	2000/09/08
14NC01-007-03	US6801542	US	Granted	AN INTER-WORKING UNIT (GATEWAY) BETWEEN AAL2 (ATM) BASED RAN AND RTP MULTIPLEXING (IP) BASED RAN IN 3G CELLULAR ACCESS NETWORKS	2004/10/05	US09/377263	1999/08/19
14NC01-008-01	BRPI0614221	BR	Pending	EXTENDING <STATUS> PRESENCE ATTRIBUTE TO DEFINE REASONING FOR AVAILABILITY CHANGE	2011/03/15	BRPI0614221.4	2006/07/11
14NC01-008-02	CN101223756B	CN	Granted	EXTENDING <STATUS> PRESENCE ATTRIBUTE TO DEFINE REASONING FOR AVAILABILITY CHANGE	2011/11/30	CN200680025371.9	2006/07/11
14NC01-008-13	EP1905212	DE	Granted	EXTENDING <STATUS> PRESENCE ATTRIBUTE TO DEFINE REASONING FOR AVAILABILITY CHANGE	2011/04/20	EP06795099.8	2006/07/11
14NC01-008-03	EP1905212	EP	PreCursor (EP)	EXTENDING <STATUS> PRESENCE ATTRIBUTE TO DEFINE REASONING FOR AVAILABILITY CHANGE	2011/04/20	EP06795099.8	2006/07/11
14NC01-008-14	EP1905212	FR	Granted	EXTENDING <STATUS> PRESENCE ATTRIBUTE TO DEFINE REASONING FOR AVAILABILITY CHANGE	2011/04/20	EP06795099.8	2006/07/11
14NC01-008-15	EP1905212	GB	Granted	EXTENDING <STATUS> PRESENCE ATTRIBUTE TO DEFINE REASONING FOR AVAILABILITY CHANGE	2011/04/20	EP06795099.8	2006/07/11
14NC01-008-04	IDW00200800123	ID	Pending	EXTENDING <STATUS> PRESENCE ATTRIBUTE TO DEFINE REASONING FOR AVAILABILITY CHANGE	2007/01/18	IDW00200800123	2006/07/11
14NC01-008-05	KR1026155	KR	Granted	EXTENDING <STATUS> PRESENCE ATTRIBUTE TO DEFINE REASONING FOR AVAILABILITY CHANGE	2011/04/05	KR2008-7003214	2006/07/11
14NC01-008-06	MX282232	MX	Granted	EXTENDING <STATUS> PRESENCE ATTRIBUTE TO DEFINE REASONING FOR AVAILABILITY CHANGE	2008/03/14	MXMX/a/2008/000568	2006/07/11
14NC01-008-16	PCT/IB06/001915	WO	Precursor			PCT/IB06/001915	2006/07/11
14NC01-008-07	PH1-2007-502943	PH	Granted	EXTENDING <STATUS> PRESENCE ATTRIBUTE TO DEFINE REASONING FOR AVAILABILITY CHANGE	2007/01/18	PH1-2007-502943	2006/07/11
14NC01-008-08	RU2384004	RU	Granted	EXTENDING <STATUS> PRESENCE ATTRIBUTE TO DEFINE REASONING FOR AVAILABILITY CHANGE	2010/03/10	RU2008100148	2006/07/11
14NC01-008-09	SG139065	SG	Granted	EXTENDING <STATUS> PRESENCE ATTRIBUTE TO DEFINE REASONING FOR AVAILABILITY CHANGE	2011/04/15	SG200800268.5	2006/07/11
14NC01-008-10	US8681751	US	Granted	EXTENDING <STATUS> PRESENCE ATTRIBUTE TO DEFINE REASONING FOR AVAILABILITY CHANGE	2014/03/25	US11/348896	2006/02/07
14NC01-008-11	VN1-2008-00326	VN	Pending	EXTENDING <STATUS> PRESENCE ATTRIBUTE TO DEFINE REASONING	2007/04/05	VN1-2008-00326	2006/07/11

				FOR AVAILABILITY CHANGE			
14NC01-008-12	ZA200800233	ZA	Granted	EXTENDING <STATUS> PRESENCE ATTRIBUTE TO DEFINE REASONING FOR AVAILABILITY CHANGE	2008/12/31	ZA2008/0233	2006/07/11
14NC01-009-01	EP1338152	FR	Granted	3RD GEN MOBILITY USING SIP	2008/11/19	EP1338152	2001/11/21
14NC01-009-03	PCT/IB01/02196	WO	Precursor			PCT/IB01/02196	2001/11/21
14NC01-009-02	US6904035	US	Granted	3RD GEN MOBILITY USING SIP	2005/06/07	US09/991540	2001/11/14
14NC01-010-01	CN1539106	CN	Granted	THREE-PARTY AUTHENTICATION AND AUTHORIZATION SCHEME FOR INTERNET PROTOCLVERSION 6.	2010/05/12	CN02815394.4	2002/07/11
14NC01-010-04	EP1415212	DE	EP-Designate d	THREE-PARTY AUTHENTICATION AND AUTHORIZATION SCHEME FOR INTERNET PROTOCLVERSION 6.	2009/12/09	EP02749143.0	2002/07/11
14NC01-010-02	EP1415212	EP	EP-Pending	THREE-PARTY AUTHENTICATION AND AUTHORIZATION SCHEME FOR INTERNET PROTOCLVERSION 6.	2009/12/09	EP02749143.0	2002/07/11
14NC01-010-05	EP1415212	FR	EP-Designate d	THREE-PARTY AUTHENTICATION AND AUTHORIZATION SCHEME FOR INTERNET PROTOCLVERSION 6.	2009/12/09	EP02749143.0	2002/07/11
14NC01-010-06	EP1415212	GB	EP-Designate d	THREE-PARTY AUTHENTICATION AND AUTHORIZATION SCHEME FOR INTERNET PROTOCLVERSION 6.	2009/12/09	EP02749143.0	2002/07/11
14NC01-010-07	PCT/IB02/02702	WO	Precursor			PCT/IB02/02702	2002/07/11
14NC01-010-03	US7900242	US	Granted	THREE-PARTY AUTHENTICATION AND AUTHORIZATION SCHEME FOR INTERNET PROTOCLVERSION 6.	2011/03/01	US10/192753	2002/07/09
14NC01-011-01	CN100571461	CN	Granted	EXTENDING THE TRUSTED NETWORK CONCEPT IN IMS	2009/12/16	CN200480000385.6	2004/02/17
14NC01-011-07	EP1595418	DE	EP-Designate d	EXTENDING THE TRUSTED NETWORK CONCEPT IN IMS	2005/11/16	EP04711676.9	2004/02/17
14NC01-011-02	EP1595418	EP	EP-Pending	EXTENDING THE TRUSTED NETWORK CONCEPT IN IMS	2005/11/16	EP04711676.9	2004/02/17
14NC01-011-08	EP1595418	FR	EP-Designate d	EXTENDING THE TRUSTED NETWORK CONCEPT IN IMS	2005/11/16	EP04711676.9	2004/02/17
14NC01-011-09	EP1595418	GB	EP-Designate d	EXTENDING THE TRUSTED NETWORK CONCEPT IN IMS	2005/11/16	EP04711676.9	2004/02/17
14NC01-011-03	IDP0030947	ID	Granted	EXTENDING THE TRUSTED NETWORK CONCEPT IN IMS	2004/09/02	IDW00200501937	2004/02/17
14NC01-011-04	IN200403049	IN	Pending	EXTENDING THE TRUSTED NETWORK CONCEPT IN IMS	2006/02/17	IN03049/CHENP/2004	2004/02/17
14NC01-011-10	PCT/IB04/000551	WO	Precursor			PCT/IB04/000551	2004/02/17
14NC01-011-05	SG115865	SG	Granted	EXTENDING THE TRUSTED NETWORK CONCEPT IN IMS	2007/08/31	SG200406163.6	2004/02/17

14NC01-011-06	US7917620	US	Granted	EXTENDING THE TRUSTED NETWORK CONCEPT IN IMS	2011/03/29	US10/614343	2003/07/08
14NC01-012-01	AU2005232140	AU	Granted	SESSION PROGRESS INDICATION IN POC FOR MANUAL ANSWER MODE	2009/10/01	AU2005232140	2005/03/17
14NC01-012-02	CN1961595	CN	Granted	SESSION PROGRESS INDICATION IN POC FOR MANUAL ANSWER MODE	2011/12/21	CN200580017529.3	2005/03/17
14NC01-012-03	IN200605988	IN	Pending	SESSION PROGRESS INDICATION IN POC FOR MANUAL ANSWER MODE	2007/08/24	IN5988/DELNP/2006	2005/03/17
14NC01-012-04	KR0924513	KR	Granted	SESSION PROGRESS INDICATION IN POC FOR MANUAL ANSWER MODE	2009/11/02	KR2006-7023181	2005/03/17
14NC01-012-05	PCT/IB05/000694	WO	Precursor			PCT/IB05/000694	2005/03/17
14NC01-013-01	CN101385313	CN	Granted	IMS-CS INTERWORKING FOR VIDEO CALLS	2012/09/05	CN200780005866.X	2007/01/22
14NC01-013-02	DE602007033333	DE	Granted	IMS-CS INTERWORKING FOR VIDEO CALLS	2013/10/16	EP07700656.7	2007/01/22
14NC01-013-10	EP1987649	CH	Granted	IMS-CS INTERWORKING FOR VIDEO CALLS	2013/10/16	EP07700656.7	2007/01/22
14NC01-013-03	EP1987649	EP	Precursor(EP)	IMS-CS INTERWORKING FOR VIDEO CALLS	2013/10/16	EP07700656.7	2007/01/22
14NC01-013-12	EP1987649	FR	Granted	IMS-CS INTERWORKING FOR VIDEO CALLS	2013/10/16	EP07700656.7	2007/01/22
14NC01-013-04	EP1987649	GB	Granted	IMS-CS INTERWORKING FOR VIDEO CALLS	2013/10/16	EP07700656.7	2007/01/22
14NC01-013-11	EP1987649	IE	Granted	IMS-CS INTERWORKING FOR VIDEO CALLS	2013/10/16	EP07700656.7	2007/01/22
14NC01-013-14	EP1987649	LI	Granted	IMS-CS INTERWORKING FOR VIDEO CALLS	2013/10/16	EP07700656.7	2007/01/22
14NC01-013-13	EP1987649	LU	Granted	IMS-CS INTERWORKING FOR VIDEO CALLS	2013/10/16	EP07700656.7	2007/01/22
14NC01-013-06	EP1987649	NL	Granted	IMS-CS INTERWORKING FOR VIDEO CALLS	2013/10/16	EP07700656.7	2007/01/22
14NC01-013-05	IN200806684	IN	Pending	IMS-CS INTERWORKING FOR VIDEO CALLS	2008/10/24	IN6684/DELNP/2008	2007/01/22
14NC01-013-16	PCT/IB07/050209	WO	Precursor			PCT/IB07/050209	2007/01/22
14NC01-013-15	RU2408998	RU	Granted	IMS-CS INTERWORKING FOR VIDEO CALLS		RU2008132295A	2007/01/22
14NC01-013-07	SG145112	SG	Granted	IMS-CS INTERWORKING FOR VIDEO CALLS	2008/09/29	SG200805775.4	2007/01/22
14NC01-013-08	TH0701000284	TH	Pending	IMS-CS INTERWORKING FOR VIDEO CALLS	2007/11/15	TH0701000284	2007/01/23
14NC01-013-09	US7860102	US	Granted	IMS-CS INTERWORKING FOR VIDEO CALLS	2010/12/28	US11/508258	2006/08/23
14NC01-014-01	CN101444062	CN	Granted	CARRYING TRUSTED NETWORK PROVIDED ACCESS NETWORK INFO IN SIP	2012/03/21	CN200780010857.X	2007/03/27
14NC01-014-04	EP1999929	DE	EP-Designated	CARRYING TRUSTED NETWORK PROVIDED ACCESS NETWORK INFO IN SIP	2008/12/10	EP7734087.5	2007/03/26
14NC01-014-02	EP1999929	EP	EP-Pending	CARRYING TRUSTED NETWORK PROVIDED ACCESS NETWORK INFO	2008/12/10	EP7734087.5	2007/03/26

				IN SIP			
14NC01-014-05	EP1999929	FR	EP-Designated	CARRYING TRUSTED NETWORK PROVIDED ACCESS NETWORK INFO IN SIP	2008/12/10	EP7734087.5	2007/03/26
14NC01-014-06	EP1999929	GB	EP-Designated	CARRYING TRUSTED NETWORK PROVIDED ACCESS NETWORK INFO IN SIP	2008/12/10	EP7734087.5	2007/03/26
14NC01-014-07	PCT/IB07/000758	WO	Precursor			PCT/IB07/000758	2007/03/26
14NC01-014-03	US20080039085	US	Pending	CARRYING TRUSTED NETWORK PROVIDED ACCESS NETWORK INFO IN SIP	2008/02/14	US11/691417	2007/03/26
14NC01-015-01	CN101523858	CN	Pending	DHT-BASED CORE IMS NETWORK	2014/03/26	CN200780038286.0	2007/09/11
14NC01-015-04	EP2062422	DE	EP-Designated	DHT-BASED CORE IMS NETWORK	2014/03/26	EP07803743.9	2007/09/11
14NC01-015-02	EP2062422	EP	EP-Pending	DHT-BASED CORE IMS NETWORK	2014/03/26	EP07803743.9	2007/09/11
14NC01-015-05	EP2062422	FR	EP-Designated	DHT-BASED CORE IMS NETWORK	2014/03/26	EP07803743.9	2007/09/11
14NC01-015-06	EP2062422	GB	EP-Designated	DHT-BASED CORE IMS NETWORK	2014/03/26	EP07803743.9	2007/09/11
14NC01-015-07	PCT/FI07/050482	WO	Precursor			PCT/FI07/050482	2007/09/11
14NC01-015-03	US7796990	US	Granted	DHT-BASED CORE IMS NETWORK	2010/09/14	US11/520655	2006/09/14
14NC01-016-01	US7822035	US	Granted	SIP COMMUNICATION SERVICE IDENTIFIERS	2010/10/26	US11/715209	2007/03/07

Unique ID	Patent Number	Country	Portfolio Status	Title	Issue / Publication Date	Application Number	Filing Date
13HU01-001-01	BRPI0614848	BR	Pending	Method, system and equipment for processing sip requests in IMS network	2011/04/19	BRPI614848A	2006/07/26
13HU01-001-02	CN100502402	CN	Granted	Method and device for processing session message in IMS network	2009/06/17	CN200510119756.9	2005/11/04
13HU01-001-03	CN101189850	CN	Granted	Method, system and device in IMS network processing SIP message	2012/02/22	CN200680011706.1	2006/07/26
13HU01-001-04	EP1755310	DE	Granted	Methods and apparatuses for processing SIP requests in an IMS network comprising an AS	2011/06/08	EP2006254341A	2006/08/18
13HU01-001-05	EP1755310	EP	PreCursor(EP)	Methods and apparatuses for processing SIP requests in an IMS network comprising an AS	2011/06/08	EP2006254341A	2006/08/18
13HU01-001-06	EP1755310	ES	Granted	Methods and apparatuses for processing SIP requests in an IMS network comprising an AS	2011/06/08	EP2006254341A	2006/08/18
13HU01-001-07	EP1755310	FR	Granted	Methods and apparatuses for processing SIP requests in an IMS network comprising an AS	2011/06/08	EP2006254341A	2006/08/18
13HU01-001-08	EP1755310	GB	Granted	Methods and apparatuses for processing SIP requests in an IMS network comprising an AS	2011/06/08	EP2006254341A	2006/08/18
13HU01-001-10	EP1755310	IT	Granted	Methods and apparatuses for processing SIP requests in an IMS network comprising an AS	2011/06/08	EP2006254341A	2006/08/18
13HU01-001-09	IN254557	IN	Granted	Method, system and equipment for processing sip requests in IMS network	2012/11/23	IN2008CN454A	2008/01/28
13HU01-001-11	US7835352	US	Granted	Method, system and equipment for processing sip requests in IMS network	2010/11/16	US2006506581A 11/506,581	2006/08/18
13HU01-002-01	CN100551148	CN	Granted	Method for realizing system switch in encryption mode	2007/03/07	CN200510093678.X	2005/09/01
13HU01-002-02	CN101156498	CN	Granted	Method for implementing inter-system switch-over	2011/10/26	CN200680011893.3	2006/09/01
13HU01-002-03	EP1871134	DE	Granted	METHOD FOR HANDOVER BETWEEN SYSTEMS	2009/12/16	EP2006775581A	2006/09/01
13HU01-002-04	EP1871134	EP	PreCursor(EP)	METHOD FOR HANDOVER BETWEEN SYSTEMS	2009/12/16	EP2006775581A	2006/09/01
13HU01-002-05	EP1871134	FR	Granted	METHOD FOR HANDOVER BETWEEN SYSTEMS	2009/12/16	EP2006775581A	2006/09/01
13HU01-002-06	EP1871134	GB	Granted	METHOD FOR HANDOVER BETWEEN SYSTEMS	2009/12/16	EP2006775581A	2006/09/01
13HU01-002-07	WO2007025487	WO	Lapsed	A METHOD FOR REALIZING HANDOVER BETWEEN SYSTEMS	2007/03/08	WO2006CN2264A	2006/09/01

13HU01-003-01	CN101031004	CN	Granted	Method for realizing on-hook triggering service	2010/05/12	CN200610058041.1	2006/02/28
13HU01-003-02	CN101160940	CN	Granted	Method for implementing service triggered by off-hook	2010/08/11	CN200680012256.8	2006/10/31
13HU01-003-03	EP1993274	EP	Lapsed	METHOD FOR REALIZING SERVICE TRIGGERING WHEN PICKED-UP	2008/11/19	EP2006805125A	2006/10/31
13HU01-003-04	US8149824	US	Granted	Method and system for implementing service triggered by off-hook	2012/04/03	US2007668532A 11/668,523	2007/01/30
13HU01-003-05	WO2007098654	WO	Lapsed	METHOD FOR REALIZING SERVICE TRIGGERING WHEN PICKED-UP	2007/09/07	WO2006CN2924A	2006/10/31
13HU01-004-02	CN101156398	CN	Granted	Method and system for switching terminal state of media gateway	2010/10/27	CN200680011910.3	2006/10/24
13HU01-004-01	CN1964365	CN	Granted	Method for switching terminal status in media gateway	2011/06/22	CN200510101368.8	2005/11/11
13HU01-004-03	EP1786216	DE	Granted	Method and system for switching the state of a termination in a media gateway	2009/12/30	EP2006023462A	2006/11/10
13HU01-004-04	EP1786216	EP	PreCursor(EP)	Method and system for switching the state of a termination in a media gateway	2009/12/30	EP2006023462A	2006/11/10
13HU01-004-05	EP1786216	FR	Granted	Method and system for switching the state of a termination in a media gateway	2009/12/30	EP2006023462A	2006/11/10
13HU01-004-06	US7693141	US	Granted	Method and system for switching the state of a termination in a media gateway	2010/04/06	US2006595768A 11/595,768	2006/11/10
13HU01-004-07	WO2007054011	WO	Lapsed	A METHOD FOR SWITCHING THE TERMINATION STATE IN THE MEDIA GATEWAY	2007/05/18	WO2006CN2841A	2006/10/24
13HU01-005-02	CN1901550	CN	Granted	Subscribing method based on conversation start protocol and its system and device	2011/08/10	CN200610106654.8	2006/07/21
13HU01-005-01	CN200510028074.7	CN	Lapsed	Subscribing Method Based On Conversation Start Protocol and Its System and Device		CN200510028074.7	2005/07/22
13HU01-005-03	EP1909434	EP	Lapsed	SUBSCRIBING METHOD AND DEVICE	2008/04/09	EP20060761541A	2006/07/21
13HU01-005-04	EP2086203	EP	Lapsed	Subscribing method and device	2009/10/28	EP2009160916A	2006/07/21
13HU01-005-05	US7948955	US	Granted	Subscription method and device	2011/05/24	US200817423A [08/0113,669] 12/017,423	2008/01/22
13HU01-005-06	WO2007009396	WO	Lapsed	SUBSCRIBING METHOD AND DEVICE	2007/01/25	WO2006CN1806A	2006/07/21

13HU01-006-02	CN1764140	CN	Granted	Method for realizing application server communication	2007/03/07	CN200510103571.9	2005/09/21
13HU01-006-01	CN200410078266.4	CN	Lapsed	Method for realizing application server communication		CN200410078266.4	2005/09/21
13HU01-006-03	EP1796326	DE	Granted	A METHOD FOR ENABLING COMMUNICATION IN APPLICATION SERVERS	2012/01/18	EP2005791501A	2005/09/21
13HU01-006-04	EP1796326	EP	PreCursor(EP)	A METHOD FOR ENABLING COMMUNICATION IN APPLICATION SERVERS	2012/01/18	EP2005791501A	2005/09/21
13HU01-006-05	EP1796326	FR	Granted	A METHOD FOR ENABLING COMMUNICATION IN APPLICATION SERVERS	2012/01/18	EP2005791501A	2005/09/21
13HU01-006-06	EP1796326	GB	Granted	A METHOD FOR ENABLING COMMUNICATION IN APPLICATION SERVERS	2012/01/18	EP2005791501A	2005/09/21
13HU01-006-07	EP1796326	IT	Granted	A METHOD FOR ENABLING COMMUNICATION IN APPLICATION SERVERS	2012/01/18	EP2005791501A	2005/09/21
13HU01-006-08	EP1796326	NL	Granted	A METHOD FOR ENABLING COMMUNICATION IN APPLICATION SERVERS	2012/01/18	EP2005791501A	2005/09/21
13HU01-006-09	EP1796326	SE	Granted	A METHOD FOR ENABLING COMMUNICATION IN APPLICATION SERVERS	2012/01/18	EP2005791501A	2005/09/21
13HU01-006-10	WO2006032204	WO	Lapsed	A METHOD FOR ENABLING COMMUNICATION IN THE APPLICATION SERVERS	2006/03/30	WO2005CN1523A	2005/09/21
13HU01-007-01	CN1929627	CN	Granted	A kind of realizing public user identification in IMS network of method that decreases pneumococcus nasal carriage and system	2012/02/01	CN200510098402.0	2005/09/06
13HU01-007-03	CN1941739	CN	Granted	Method and system for allocating and using user mark	2010/06/23	CN200510108129.5	2005/09/29
13HU01-007-02	CN1941774	CN	Granted	Method and system for realizing public user mark carrier	2012/07/04	CN200510108128.0	2005/09/29
13HU01-007-04	EP1761077	DE	Granted	Method and system for enabling number portability in IMS networks	2008/08/27	EP2006018705A	2006/09/06
13HU01-007-05	EP1761077	EP	PreCursor(EP)	Method and system for enabling number portability in IMS networks	2008/08/27	EP2006018705A	2006/09/06
13HU01-007-06	EP1761077	FR	Granted	Method and system for enabling number portability in IMS networks	2008/08/27	EP2006018705A	2006/09/06
13HU01-007-07	EP1761077	SE	Granted	Method and system for enabling number portability in IMS networks	2008/08/27	EP2006018705A	2006/09/06

13HU01-007-08	US7787878	US	Granted	Method and system for enabling number portability in IMS networks	2010/08/31	US2006516946A 11/516,946	2006/09/06
13HU01-007-09	WO2007028332	WO	Lapsed	METHOD AND SYSTEM FOR ENABLING NUMBER PORTABILITY IN IMS NETWORKS	2007/03/15	WO2006CN2299A	2006/09/06
13HU01-008-01	CN1758649	CN	Lapsed	Method of interconnected protocol network communicating between different edition network	2010/04/28	CN200410079321.1	2004/10/05
13HU01-008-02	CN200710167705.2	CN	Lapsed	Inter-network interconnection protocol network intercommunicating method of different version		CN200710167705.2	2004/10/05
13HU01-008-03	EP1798918	EP	Lapsed	A METHOD FOR INTERCOMMUNICATION BETWEEN NETWORKS HAVING DIFFERENT VERSION OF INTERNET PROTOCOL	2007/06/20	EP2005795754A	2005/10/08
13HU01-008-04	US7792116	US	Granted	Method and device for interworking between internet protocol networks	2010/09/07	US2007703709A 11/703,709	2007/02/08
13HU01-008-05	WO2006037276	WO	Lapsed	A METHOD FOR INTERCOMMUNICATION BETWEEN NETWORKS HAVING DIFFERENT VERSION OF INTERNET PROTOCOL	2006/04/13	WO2005CN1640A	2005/10/08
13HU01-009-07r	US14/323165	US	Reissuing	Interworking network element, interworking system between the CSI terminal and the IMS terminal and the method thereof		14/323165	2014/07/03
13HU01-009-01	CN100563235	CN	Granted	Network element with interconnecting function, CSI terminal, IMS terminal interconnecting system and method	2009/11/25	CN200610077923.2	2006/04/26
13HU01-009-02	CN101313543	CN	Granted	Exchange functional network element, CSI terminal, IMS terminal exchange system and method	2011/07/20	CN200780000211.3	2007/01/09
13HU01-009-03	EP1973283	DE	Granted	INTERWORKING NETWORK ELEMENT, INTERWORKING SYSTEM BETWEEN THE CSI TERMINAL AND THE IMS TERMINAL AND THE METHOD THEREOF	2010/09/29	EP2007702010A	2007/01/09
13HU01-009-04	EP1973283	EP	PreCursor(EP)	INTERWORKING NETWORK ELEMENT, INTERWORKING SYSTEM BETWEEN THE CSI TERMINAL AND THE IMS	2010/09/29	EP2007702010A	2007/01/09

				TERMINAL AND THE METHOD THEREOF			
13HU01-009-05	EP1973283	FR	Granted	INTERWORKING NETWORK ELEMENT, INTERWORKING SYSTEM BETWEEN THE CSI TERMINAL AND THE IMS TERMINAL AND THE METHOD THEREOF	2010/09/29	EP2007702010A	2007/01/09
13HU01-009-06	EP1973283	GB	Granted	INTERWORKING NETWORK ELEMENT, INTERWORKING SYSTEM BETWEEN THE CSI TERMINAL AND THE IMS TERMINAL AND THE METHOD THEREOF	2010/09/29	EP2007702010A	2007/01/09
13HU01-009-07	US8213419	US	Granted	Interworking network element, interworking system between the CSI terminal and the IMS terminal and the method thereof	2012/07/03	US2008170227A '12/170,227	2008/07/09
13HU01-009-08	WO2007079679	WO	Lapsed	INTERWORKING NETWORK ELEMENT, INTERWORKING SYSTEM BETWEEN THE CSI TERMINAL AND THE IMS TERMINAL AND THE METHOD THEREOF	2007/07/19	WO2007CN78A	2007/01/09
13HU01-010-01	CN100411398	CN	Granted	Edge or packet gateway controlling method in next generation network and its system	2006/12/20	CN200510026714.0	2005/06/13
13HU01-010-02	CN100426805	CN	Granted	Edge or packet gateway control system in next generation network and its method	2006/12/20	CN200510026736.7	2005/06/14
13HU01-010-03	CN100438515	CN	Granted	Edge or packet gateway controlling method in next generation network and its system	2006/12/20	CN200510026737.1	2005/06/14
13HU01-010-04	CN101160799	CN	Granted	Fringe or packet gateway control system and control method thereof	2011/04/20	CN200680012195.5	2006/05/25
13HU01-010-05	EP1796312	EP	Lapsed	AN EDGE/PACKET GATEWAY CONTROL SYSTEM AND A METHOD FOR ACHIEVING THE CONTROL BY THE EDGE/PACKET GATEWAY	2007/06/13	EP20060741982	2006/05/26
13HU01-010-06	US7881317	US	Granted	Border/packet gateway control system and control method	2011/02/01	US2007680234A 11/680,234	2007/02/28
13HU01-010-07	WO2006133622	WO	Lapsed	AN EDGE/PACKET GATEWAY CONTROL SYSTEM AND A METHOD FOR ACHIEVING THE CONTROL BY THE EDGE/PACKET GATEWAY	2006/12/21	WO2006CN1094A	2006/05/25
13HU01-	CN100563282	CN	Lapsed	Method for listening dailed	2009/11/25	CN200510034992.0	2005/05/29

011-01				signal sound at dail line terminal when network communicating			
13HU01-011-02	EP1786162	DE	Granted	METHOD FOR THE CALLING USER TERMINAL LISTENING TO THE SIGNAL TONE OF THE CALLED USER TERMINAL WHEN INTER-NETWORKING	2009/09/30	EP2006741937A	2006/05/22
13HU01-011-03	EP1786162	EP	PreCursor(EP)	METHOD FOR THE CALLING USER TERMINAL LISTENING TO THE SIGNAL TONE OF THE CALLED USER TERMINAL WHEN INTER-NETWORKING	2009/09/30	EP2006741937A	2006/05/22
13HU01-011-04	EP1786162	GB	Granted	METHOD FOR THE CALLING USER TERMINAL LISTENING TO THE SIGNAL TONE OF THE CALLED USER TERMINAL WHEN INTER-NETWORKING	2009/09/30	EP2006741937A	2006/05/22
13HU01-011-05	US8335221	US	Granted	Method for listening to signal tone from a called party by a calling party during network interworking	2012/12/18	US2007707759A 11/707,759	2007/02/16
13HU01-011-06	WO2006128356	WO	Lapsed	METHOD FOR THE CALLING USER TERMINAL LISTENING TO THE SIGNAL TONE OF THE CALLED USER TERMINAL WHEN INTER-NETWORKING	2006/12/07	WO2006CN1049A	2006/05/22
13HU01-012-01	BRPI0613589	BR	Lapsed	método e sistema para implementação de roteamento de sinalização dinâmica	2011/01/18	BRPI0613589A2	2006/08/10
13HU01-012-03	CN101161011	CN	Lapsed	Method and system of improving network reliability through implementing dynamic routing of signaling	2011/08/10	CN200680012205.5	2006/08/10
13HU01-012-02	CN1921459	CN	Lapsed	Method for improving reliability of network by realizing dynamic route of signal	2007/02/28	CN200510093052.9	2005/08/25
13HU01-012-04	EP1816887	DE	Granted	METHOD AND SYSTEM FOR IMPROVING NETWORK RELIABILITY BY REALIZING DYMANIC ROUTE OF SIGNALING	2010/05/05	EP2006775336A	2006/08/10
13HU01-012-05	EP1816887	EP	PreCursor(EP)	METHOD AND SYSTEM FOR IMPROVING NETWORK RELIABILITY BY REALIZING DYMANIC ROUTE OF SIGNALING	2010/05/05	EP2006775336A	2006/08/10
13HU01-012-06	EP1816887	FR	Granted	METHOD AND SYSTEM FOR IMPROVING NETWORK RELIABILITY BY REALIZING DYMANIC ROUTE OF	2010/05/05	EP2006775336A	2006/08/10

				SIGNALING			
13HU01-012-07	IN200704950	IN	Lapsed	METHOD AND SYSTEM FOR IMPROVING NETWORK RELIABILITY BY REALIZING DYNAMIC ROUTE OF SIGNALING	2008/08/01	IN2007KN4950A	2007/12/20
13HU01-012-08	JP04619441	JP	Granted	The method and system which implement	2011/01/26	JP2008527289A	2006/08/10
13HU01-012-09	RU2408154	RU	Granted	METHOD AND SYSTEM FOR REALISATION OF DYNAMIC ROUTING OF CALL SIGNALS	2010/12/27	RU2008101969A	2006/08/10
13HU01-012-10	US8125995	US	Granted	Method and system for implementing dynamic signaling routing	2012/02/28	US2007821113A 11/821,113	2007/06/21
13HU01-012-11	WO2007022692	WO	Lapsed	METHOD AND SYSTEM FOR IMPROVING NETWORK RELIABILITY BY REALIZING DYNAMIC ROUTE OF SIGNALING	2007/03/01	WO2006CN2018A	2006/08/10
13HU01-013-01	CN100459569	CN	Granted	Quick route switching method and apparatus for network node devices	2009/02/04	CN200510032840.7	2005/01/14
13HU01-013-02	EP1718014	EP	PreCursor(EP)	A ROUTE SWITCHING METHOD AND A NETWORK NODE DEVICE	2008/10/15	EP2006705441A	2006/01/09
13HU01-013-03	EP1718014	FR	Granted	A ROUTE SWITCHING METHOD AND A NETWORK NODE DEVICE	2008/10/15	EP2006705441A	2006/01/09
13HU01-013-04	EP1718014	SE	Granted	A ROUTE SWITCHING METHOD AND A NETWORK NODE DEVICE	2008/10/15	EP2006705441A	2006/01/09
13HU01-013-05	US7898943	US	Granted	Method for switching route and network device thereof	2011/03/01	US2003591218A 10/591,218	2007/11/21
13HU01-013-06	WO2006074596	WO	Lapsed	A ROUTE SWITCHING METHOD AND A NETWORK NODE DEVICE	2006/07/20	WO2006CN18A	2006/01/09
13HU01-014-01	CN100479417	CN	Granted	Communication method preventing circumbendibus of media-flow	2009/04/15	CN200510098546.6	2005/09/02
13HU01-014-02	CN101164290	CN	Lapsed	Communication method and equipment for preventing media stream circuitry	2008/04/16	CN200680013147.8	2006/06/14
13HU01-014-03	EP1760986	DE	EP-Designated	Communication method and device for preventing media stream circuitry (tromboning)	2007/03/07	EP2006119909A	2006/08/31
13HU01-014-11	EP1760986	EP	EP-Pending	Communication method and device for preventing media stream circuitry (tromboning)	2007/03/07	EP2006119909A	2006/08/31
13HU01-014-04	EP1760986	EP	PreCursor(EP)	Communication method and device for preventing media stream circuitry (tromboning)	2007/03/07	EP2006119909A	2006/08/31

13HU01-014-05	EP1760986	FI	EP-Designated	Communication method and device for preventing media stream circuitry (tromboning)	2007/03/07	EP2006119909A	2006/08/31
13HU01-014-06	EP1760986	FR	EP-Designated	Communication method and device for preventing media stream circuitry (tromboning)	2007/03/07	EP2006119909A	2006/08/31
13HU01-014-07	EP1760986	GB	EP-Designated	Communication method and device for preventing media stream circuitry (tromboning)	2007/03/07	EP2006119909A	2006/08/31
13HU01-014-08	EP1760986	SE	EP-Designated	Communication method and device for preventing media stream circuitry (tromboning)	2007/03/07	EP2006119909A	2006/08/31
13HU01-014-09	US8108526	US	Granted	Communication method and device for preventing media stream circuitry	2012/01/31	US2006469796A 11/469,796	2006/09/01
13HU01-014-10	WO2007025429	WO	Lapsed	A METHOD FOR PREVENTING THE MEDIA STREAM FROM BYPASSING AND THE DEVICE THEREOF	2007/03/08	WO2006CN1325A	2006/06/14
13HU01-015-01	CN101212309	CN	Granted	Method for controlling time stamp of reported event	2011/06/15	CN200610170447.9	2006/12/30
13HU01-015-02	EP2037627	DE	Granted	METHOD AND DEVICE FOR CONTROLLING REPORTING TIMESTAMP OF EVENT	2012/03/14	EP2007846226A	2007/12/29
13HU01-015-03	EP2037627	EP	PreCursor(EP)	METHOD AND DEVICE FOR CONTROLLING REPORTING TIMESTAMP OF EVENT	2012/03/14	EP2007846226A	2007/12/29
13HU01-015-04	EP2037627	FR	Granted	METHOD AND DEVICE FOR CONTROLLING REPORTING TIMESTAMP OF EVENT	2012/03/14	EP2007846226A	2007/12/29
13HU01-015-05	EP2037627	IT	Granted	METHOD AND DEVICE FOR CONTROLLING REPORTING TIMESTAMP OF EVENT	2012/03/14	EP2007846226A	2007/12/29
13HU01-015-06	US8116322	US	Granted	Method and apparatus for controlling reporting of an event timestamp	2012/02/14	US2009354289A 12/354289	2009/01/15
13HU01-015-07	WO2008083606	WO	Lapsed	METHOD AND DEVICE FOR CONTROLLING REPORTING TIMESTAMP OF EVENT	2008/07/17	WO2007CN71400A	2007/12/29
13HU01-016-01	CN1996968	CN	Granted	Decision method for the media gateway controller to distribute the resource	2010/04/14	CN200610093956.6	2006/06/26
13HU01-016-02	CN200810189659.0	CN	Lapsed	Method for down distributing resource and providing decision for medium gateway by medium gateway controller	1900/01/00	CN200810189659.0	2006/06/26
13HU01-016-03	EP2034670	DE	Granted	METHOD, APPARATUS, AND SYSTEM FOR THE MGC DISTRIBUTING A RESOURCE PROVISION DECISION TO THE MG	2012/06/15	EP2007721793A	2007/06/25
13HU01-	EP2034670	EP	PreCursor(EP)	METHOD, APPARATUS, AND	2012/06/13	EP2007721793A	2007/06/25

016-04				SYSTEM FOR THE MGC DISTRIBUTING A RESOURCE PROVISION DECISION TO THE MG			
13HU01- 016-05	EP2034670	FR	Granted	METHOD, APPARATUS, AND SYSTEM FOR THE MGC DISTRIBUTING A RESOURCE PROVISION DECISION TO THE MG	2012/06/14	EP2007721793A	2007/06/25
13HU01- 016-06	EP2034670	IT	Granted	METHOD, APPARATUS, AND SYSTEM FOR THE MGC DISTRIBUTING A RESOURCE PROVISION DECISION TO THE MG	2012/06/16	EP2007721793A	2007/06/25
13HU01- 016-07	US7899065	US	Granted	Method, apparatus and system for a media gateway controller to deliver a resource provision decision to a media gateway	2011/03/01	US2008342546A 12/342,546	2008/12/23
13HU01- 016-08	WO2008003252	WO	Lapsed	METHOD, APPARATUS, AND SYSTEM FOR THE MGC DISTRIBUTING A RESOURCE PROVISION DECISION TO THE MG	2008/01/10	WO2007CN70177A	2007/06/25
13HU01- 017-01	CN100442930	CN	Granted	Mobile exchanging center and called parner processing method	1900/01/00	CN200510110891.7	2005/11/29
13HU01- 017-02	CN101161019	CN	Lapsed	Mobile switching centre and called process method thereof	2008/04/09	CN200680012331.0	2006/08/22
13HU01- 017-03	EP1898658	DE	Granted	MSC AND CALLED PROCESS METHOD THEREOF	2009/12/02	EP2006775455A	2006/08/22
13HU01- 017-04	EP1898658	EP	PreCursor(EP)	MSC AND CALLED PROCESS METHOD THEREOF	2009/12/02	EP2006775455A	2006/08/22
13HU01- 017-05	WO2007062560	WO	Lapsed	MSC AND CALLED PROCESS METHOD THEREOF	2007/06/07	WO2006CN2137A	2006/08/22
13HU01- 018-01	CN100471140	CN	Granted	Method for detecting QoS	2009/03/18	CN200610062951.7	2006/09/29
13HU01- 018-02	CN101001208	CN	Granted	Method for detecting QoS	2007/07/18	CN200610165838.1	2006/12/13
13HU01- 018-03	CN101052014	CN	Granted	Method for detecting QoS	2007/10/10	CN200710107595.0	2007/05/21
13HU01- 018-05	EP07871768.3	EP	Lapsed	Method for detecting QoS		EP07871768.3	2007/12/12
13HU01- 018-04	EP1983688	DE	Granted	METHOD FOR DETECTING QOS	2012/04/25	EP2007817016A	2007/09/29
13HU01- 018-06	EP1983688	EP	PreCursor(EP)	METHOD FOR DETECTING QOS	2012/04/25	EP2007817016A	2007/09/29
13HU01- 018-07	EP1983688	FR	Granted	METHOD FOR DETECTING QOS	2012/04/25	EP2007817016A	2007/09/29
13HU01- 018-08	EP1983688	GB	Granted	METHOD FOR DETECTING QOS	2012/04/25	EP2007817016A	2007/09/29
13HU01- 018-09	US20090016233	US	Lapsed	Method for detecting QoS	2009/01/15	US2008211555A 12/211555	2008/09/16

13HU01-018-10	WO2008/086720	WO	Lapsed	Method for detecting QoS		PCT/CN2007/071220	2007/12/12
13HU01-018-11	WO2008/141580	WO	Lapsed	Method for detecting QoS		PCT/CN2008/071008	2008/05/19
13HU01-018-12	WO2008043304	WO	Lapsed	METHOD FOR DETECTING QOS	2008/04/17	WO2007CN70825A	2007/09/29
13HU01-019-01	CN1905472	CN	Granted	Method for implementing IMS network reliability	2010/05/05	CN200510085400.8	2005/07/27
13HU01-019-02	EP1914937	DE	Granted	METHOD AND SYSTEM FOR REALIZING IMS NETWORK RELIABILITY	2013/01/26	EP2006761564A	2006/07/28
13HU01-019-03	EP1914937	EP	PreCursor(EP)	METHOD AND SYSTEM FOR REALIZING IMS NETWORK RELIABILITY	2013/01/23	EP2006761564A	2006/07/25
13HU01-019-04	EP1914937	FR	Granted	METHOD AND SYSTEM FOR REALIZING IMS NETWORK RELIABILITY	2013/01/23	EP2006761564A	2006/07/25
13HU01-019-05	EP1914937	GB	Granted	METHOD AND SYSTEM FOR REALIZING IMS NETWORK RELIABILITY	2013/01/23	EP2006761564A	2006/07/25
13HU01-019-06	WO2007012270	WO	Lapsed	A METHOD FOR REALIZING THE IMS NETWORK RELIABILITY	2007/02/01	WO2006CN1834A	2006/07/25
13HU01-020-01	CN100546308	CN	Granted	Gateway control protocol message transmission method	2009/09/30	CN200510034409.6	2005/04/22
13HU01-020-02	US7653076	US	Granted	Method and apparatus for gateway control protocol message transmission	2010/01/26	US2007856152A 11/856,152	2007/09/17
13HU01-020-03	WO2006111104	WO	Lapsed	A GATEWAY CONTROL PROTOCOL MESSAGE TRANSFERRING METHOD AND THE APPARATUS THEREOF	2006/10/26	WO2006CN780A	2006/04/24
13HU01-021-02	CN100349411	CN	Granted	Medium flow service quality reporting method	2007/11/14	CN200410062978.7	2004/06/30
13HU01-021-01	CN100493069	CN	Lapsed	Method for detecting medium flow service quality	2006/01/04	CN200410062977.2	2004/06/30
13HU01-021-03	EP1739900	EP	PreCursor(EP)	A METHOD FOR ACQUIRING THE QOS OF THE MULTIMEDIA STREAM PERIODICALLY	2008/10/29	EP2005759437A	2005/06/30
13HU01-021-04	EP1739900	ES	Lapsed	A METHOD FOR ACQUIRING THE QOS OF THE MULTIMEDIA STREAM PERIODICALLY	2008/10/29	EP2005759437A	2005/06/30
13HU01-021-05	EP1739900	FR	Lapsed	A METHOD FOR ACQUIRING THE QOS OF THE MULTIMEDIA STREAM PERIODICALLY	2008/10/29	EP2005759437A	2005/06/30
13HU01-021-06	EP1739900	PT	Granted	A METHOD FOR ACQUIRING THE QOS OF THE MULTIMEDIA STREAM PERIODICALLY	2008/10/29	EP2005759437A	2005/06/30
13HU01-021-07	EP1739900	SE	Lapsed	A METHOD FOR ACQUIRING THE QOS OF THE MULTIMEDIA STREAM PERIODICALLY	2008/10/29	EP2005759437A	2005/06/30
13HU01-021-08	US7583612	US	Granted	Method for periodically acquiring the QoS of media	2009/09/01	US2006558619A	2006/11/10

				stream and system thereof			
13HU01-021-09	WO2006002597	WO	Lapsed	A METHOD FOR ACQUIRING THE QOS OF THE MULTIMEDIA STREAM PERIODICALLY	2006/01/12	WO2005CN958A	2005/06/30
13HU01-022-01	CN100499656	CN	Granted	Method for implementing medium gateway function, wireless access controlling apparatus and access system	2009/06/10	CN200510051044.8	2005/02/25
13HU01-022-02	US8085712	US	Granted	Method for implementing media gateway function, radio access control device and access system	2011/12/27	US20080049705A1 US2007844481A	2006/02/27
13HU01-022-03	WO2006089491	WO	Lapsed	METHOD FOR REALIZING MEDIA-GATEWAY FUNCTION, EQUIPMENT FOR WIRELESS ACCESS CONTROL AND ACCESS SYSTEM	2006/08/31	WO2006CN281A	2006/02/27
13HU01-023-01	CN100583918	CN	Granted	Safety protection method for service interruption of exchange network and its device	2010/01/20	CN200610065066.4	2006/03/16
13HU01-023-02	CN101160869	CN	Lapsed	Method and apparatus for security protection of service interruption in switch network	2008/04/09	CN200680012823.X	2006/11/22
13HU01-023-03	US7710880	US	Granted	Method and apparatus for security protection of service interruption in switch network	2010/05/04	US2006618597A	2006/12/29
13HU01-023-04	WO2007104199	WO	Lapsed	A SECURITY PROTECTING METOD USED FOR SERVICE INTERRUPTION IN THE SWITCHING NETWORK AND A SYSTEM THEREOF	2007/09/20	WO2006CN3144A	2006/11/22
13HU01-024-01	CN101841888	CN	Granted	Resource control method, related equipment and related system	2012/06/27	CN200910118794.0	2009/03/16
13HU01-024-02	EP2439979	DE	EP-Designated	RESOURCE CONTROL METHOD, RELEVANT DEVIDE AND SYSTEM	2012/04/11	EP2010753112A EP10753112.1	2010/03/16
13HU01-024-03	EP2439979	EP	EP-Pending	RESOURCE CONTROL METHOD, RELEVANT DEVIDE AND SYSTEM	2012/04/11	EP2010753112A EP10753112.1	2010/03/16
13HU01-024-04	EP2439979	FI	EP-Designated	RESOURCE CONTROL METHOD, RELEVANT DEVIDE AND SYSTEM	2012/04/11	EP2010753112A EP10753112.1	2010/03/16
13HU01-024-05	EP2439979	FR	EP-Designated	RESOURCE CONTROL METHOD, RELEVANT DEVIDE AND SYSTEM	2012/04/11	EP2010753112A EP10753112.1	2010/03/16
13HU01-024-06	EP2439979	GB	EP-Designated	RESOURCE CONTROL METHOD, RELEVANT DEVIDE AND SYSTEM	2012/04/11	EP2010753112A EP10753112.1	2010/03/16
13HU01-024-07	EP2439979	SE	EP-Designated	RESOURCE CONTROL METHOD, RELEVANT DEVIDE AND	2012/04/11	EP2010753112A EP10753112.1	2010/03/16

				SYSTEM			
13HU01-024-08	US8224325	US	Granted	Resource control method, relevant device, and system	2012/07/17	US13235062A	2011/09/16
13HU01-024-09	WO2010105545	WO	Lapsed	RESOURCE CONTROL METHOD, RELEVANT DEVIDE AND SYSTEM	2010/09/23	WO2010CN71057A	2010/03/16
13HU01-025-01	AU2003271027	AU	Lapsed	A network security authentication method	2007/08/09	AU2003271027A	2003/09/22
13HU01-025-02	CN1275419	CN	Lapsed	Network safety authentication method	2006/09/13	CN2002144191A	2002/10/18
13HU01-025-03	US8195942	US	Granted	Network security authentication method	2012/06/05	US2003531569A	2005/04/18
13HU01-025-04	WO2004036828	WO	Lapsed	A NETWORK SECURITY AUTHENTICATION METHOD	2004/04/29	WO2003CN801A	2003/09/22
13HU01-026-01	CN100574185	CN	Granted	Method for ensuring media stream safety in IP multimedia service subsystem network	2009/12/23	CN200510000097.7	2005/01/07
13HU01-026-02	EP1835652	DE	Granted	A METHOD FOR ENSURING THE SAFETY OF THE MEDIA-FLOW IN IP MULTIMEDIA SUB-SYSTEM	2010/06/16	EP2005848163A	2005/12/31
13HU01-026-03	EP1835652	EP	PreCursor(EP)	A METHOD FOR ENSURING THE SAFETY OF THE MEDIA-FLOW IN IP MULTIMEDIA SUB-SYSTEM	2010/06/16	EP2005848163A	2005/12/31
13HU01-026-04	EP1835652	GB	Granted	A METHOD FOR ENSURING THE SAFETY OF THE MEDIA-FLOW IN IP MULTIMEDIA SUB-SYSTEM	2010/06/16	EP2005848163A	2005/12/31
13HU01-026-05	US20140169563	US	Pending	METHOD FOR ENSURING MEDIA STREAM SECURITY IN IP MULTIMEDIA SUB-SYSTEM	2007/12/20	14/050,768	2013/10/10
13HU01-026-06	US8582766	US	Granted	METHOD FOR ENSURING MEDIA STREAM SECURITY IN IP MULTIMEDIA SUB-SYSTEM	2007/12/20	US2007774271A 11774271	2007/07/06
13HU01-026-07	WO2006072212	WO	Lapsed	A METHOD FOR ENSURING THE SAFETY OF THE MEDIA-FLOW IN IP MULTIMEDIA SUB-SYSTEM	2006/07/13	WO2005CN2429A	2005/12/31
13HU01-027.1-01	AR053615	AR	Granted	Method for Implementing Access Domain Security of IP Multimedia Subsystem	2007/05/07	ARP20060102194A	2006/05/26
13HU01-027.1-02	CN100461942	CN	Granted	Method for selecting safety mechanism of IP multimedia subsystem access field	2009/02/11	CN200510071538.2	2005/05/27
13HU01-027.1-03	DE602006007648.7	DE	Granted	VERFAHREN ZUR IMPLEMENTIERUNG DER ZUGRIFFSBEREICHES	2009/08/20	DE602006007648T	2006/04/03
13HU01-027.1-04	EP1755311	DE	Duplicate	A METHOD FOR IMPLEMENTING THE ACCESS DOMAIN SECURITY OF AN IP MULTIMEDIA SUBSYSTEM	2009/07/08	EP2006722247A	2006/04/03

13HU01-027.1-05	EP1755311	EP	PreCursor(EP)	A METHOD FOR IMPLEMENTING THE ACCESS DOMAIN SECURITY OF AN IP MULTIMEDIA SUBSYSTEM	2009/07/08	EP2006722247A	2006/04/03
13HU01-027.1-06	EP1755311	FR	Granted	A METHOD FOR IMPLEMENTING THE ACCESS DOMAIN SECURITY OF AN IP MULTIMEDIA SUBSYSTEM	2009/07/08	EP2006722247A	2006/04/03
13HU01-027.1-07	EP1755311	GB	Granted	A METHOD FOR IMPLEMENTING THE ACCESS DOMAIN SECURITY OF AN IP MULTIMEDIA SUBSYSTEM	2009/07/08	EP2006722247A	2006/04/03
13HU01-027.1-08	TWI314414	TW	Granted	A METHOD FOR IMPLEMENTING THE ACCESS DOMAIN SECURITY OF AN IP MULTIMEDIA SUBSYSTEM	2009/09/01	TW2006118609A	2006/05/25
13HU01-027.1-09	US20080209532	US	Lapsed	Method for Implementing Access Domain Security of IP Multimedia Subsystem	2008/08/28	US2006629346A 11/629,346	2007/05/07
13HU01-027.1-10	WO2006125359	WO	Lapsed	A METHOD FOR IMPLEMENTING THE ACCESS DOMAIN SECURITY OF AN IP MULTIMEDIA SUBSYSTEM	2006/11/30	WO2006CN595A	2006/04/03
13HU01-027.2-01	CN100571134	CN	Granted	Method for verifying user terminal in IP multimedia subsystem	2009/12/16	CN200510070351.0	2005/04/30
13HU01-027.2-02	EP1879324	DE	Granted	A METHOD FOR AUTHENTICATING USER TERMINAL IN IP MULTIMEDIA SUB-SYSTEM	2012/08/01	EP2006741743A	2006/04/27
13HU01-027.2-03	EP1879324	EP	PreCursor(EP)	A METHOD FOR AUTHENTICATING USER TERMINAL IN IP MULTIMEDIA SUB-SYSTEM	2012/08/01	EP2006741743A	2006/04/27
13HU01-027.2-04	EP1879324	ES	Granted	A METHOD FOR AUTHENTICATING USER TERMINAL IN IP MULTIMEDIA SUB-SYSTEM	2012/08/01	EP2006741743A	2006/04/27
13HU01-027.2-05	EP1879324	FR	Granted	A METHOD FOR AUTHENTICATING USER TERMINAL IN IP MULTIMEDIA SUB-SYSTEM	2012/08/01	EP2006741743A	2006/04/27
13HU01-027.2-06	EP1879324	GB	Granted	A METHOD FOR AUTHENTICATING USER TERMINAL IN IP MULTIMEDIA SUB-SYSTEM	2012/08/01	EP2006741743A	2006/04/27
13HU01-027.2-07	EP1879324	IT	Granted	A METHOD FOR AUTHENTICATING USER TERMINAL IN IP MULTIMEDIA SUB-SYSTEM	2012/08/01	EP2006741743A	2006/04/27
13HU01-027.2-08	US8335487	US	Granted	Method for authenticating user terminal in IP multimedia sub-	2012/12/18	US11/896389	2007/08/31

				system			
13HU01-027.2-09	WO2006116921	WO	Lapsed	A METHOD FOR AUTHENTICATING USER TERMINAL IN IP MULTIMEDIA SUB-SYSTEM	2006/11/09	WO2006CN822A	2006/04/27
13HU01-028-02	CN101128049	CN	Granted	Method and system for providing circuit domain service and service control node SCP	2012/07/04	CN200610141030.X	2006/09/28
13HU01-028-01	CN200610111254.6	CN	Lapsed	Method and system for providing circuit domain service and service control node SCP		CN200610111254.6	2006/08/17
13HU01-028-03	EP2056536	DE	Granted	A METHOD, A SYSTEM AND A SERVICE CONTROL POINT FOR PROVIDING CIRCUIT DOMAIN SERVICE	2012/01/25	EP2007785297A	2007/08/09
13HU01-028-04	EP2056536	EP	PreCursor(EP)	A METHOD, A SYSTEM AND A SERVICE CONTROL POINT FOR PROVIDING CIRCUIT DOMAIN SERVICE	2012/01/25	EP2007785297A	2007/08/09
13HU01-028-05	EP2056536	FR	Granted	A METHOD, A SYSTEM AND A SERVICE CONTROL POINT FOR PROVIDING CIRCUIT DOMAIN SERVICE	2012/01/25	EP2007785297A	2007/08/09
13HU01-028-06	EP2056536	GB	Granted	A METHOD, A SYSTEM AND A SERVICE CONTROL POINT FOR PROVIDING CIRCUIT DOMAIN SERVICE	2012/01/25	EP2007785297A	2007/08/09
13HU01-028-07	WO2008022536	WO	Lapsed	A METHOD, A SYSTEM AND A SERVICE CONTROL POINT FOR PROVIDING CIRCUIT DOMAIN SERVICE	2008/02/28	WO2007CN2390A	2007/08/09
13HU01-029-01	AR50123	AR	Lapsed	SISTEMA DE RED DE COMUNICACIONES PARA IMPLEMENTAR SERVICIOS COMBINADOS Y SUS METODOS.	2006/09/27	ARP20050103360A	2005/08/11
13HU01-029-02	BR200507677	BR	Lapsed	sistema de rede de comunicações para implementação de serviços mistos e seu método	2007/07/17	BRPI507677A	2005/08/11
13HU01-029-04	CN100349473	CN	Lapsed	Method and system for realizing short message intercommunication based on mixed telephone number		CN200410059165.2	2004/08/11
13HU01-029-03	CN1735268	CN	Lapsed	Method for realizing mixed telephone number and communications network system	2006/02/15	CN200410059164.8	2004/08/11
13HU01-029-05	EP1713241	EP	Lapsed	A COMMUNICATION NETWORK SYSTEM AND	2006/10/18	EP2005774458A	2005/08/11

				METHOD OF ACHIEVING MIXED SERVICE			
13HU01-029-06	ID0024111	ID	Lapsed	Method and system for realizing short message intercommunication based on mixed telephone number		IDW-00200602090	2005/08/11
13HU01-029-07	IN246930	IN	Lapsed	Method and system for realizing short message intercommunication based on mixed telephone number	2011/03/25	IN2006CN4422A	2006/12/01
13HU01-029-08	RU2370904	RU	Granted	TELECOMMUNICATION NETWORK SYSTEM FOR IMPLEMENTING VARIOUS SERVICES AND METHOD OF IMPLEMENTING THEREOF	2009/10/20	RU2006130835A	2005/08/11
13HU01-029-09	US7787608	US	Granted	Communications network system for implementing mixed services and method thereof	2010/08/31	US11/489208	2006/07/19
13HU01-029-10	WO2006015551	WO	Lapsed	A COMMUNICATION NETWORK SYSTEM AND METHOD OF ACHIEVING MIXED SERVICE	2006/02/16	WO2005CN1241A	2005/08/11
13HU01-030-01	CN101247632	CN	Granted	Method, system and device for using IMS communication service identification in communication system	2008/08/20	CN200710079246.2	2007/02/13
13HU01-030-02	CN101517960	CN	Lapsed	Method, system and device for application IMS communication service identification in communication system	2009/08/26	CN200780000599.7	2007/11/19
13HU01-030-03	EP1959632	DE	EP-Designated	Method, system and apparatus for using IMS communication service identifier	2008/08/20	EP2008101535A	2008/02/12
13HU01-030-04	EP1959632	EP	EP-Pending	Method, system and apparatus for using IMS communication service identifier	2008/08/20	EP2008101535A	2008/02/12
13HU01-030-05	EP1959632	FI	EP-Designated	Method, system and apparatus for using IMS communication service identifier	2008/08/20	EP2008101535A	2008/02/12
13HU01-030-06	EP1959632	FR	EP-Designated	Method, system and apparatus for using IMS communication service identifier	2008/08/20	EP2008101535A	2008/02/12
13HU01-030-07	EP1959632	GB	EP-Designated	Method, system and apparatus for using IMS communication service identifier	2008/08/20	EP2008101535A	2008/02/12
13HU01-030-10	EP1959632	SE	EP-Designated	Method, system and apparatus for using IMS communication service identifier	2008/08/20	EP2008101535A	2008/02/12
13HU01-030-08	IN5391/DELNP/2009	IN	Pending	Method, System and Apparatus for Using IMS	1900/01/00	IN5391/DELNP/2009	2007/11/19

				Communication Service Identifiers in a Communication System			
13HU01-030-09	RU2434351	RU	Granted	METHOD, SYSTEM AND APPARATUS FOR USING IMS COMMUNICATION SERVICE IDENTIFIER IN COMMUNICATION SYSTEM	2011/11/20	RU2009134133A	2007/11/19
13HU01-030-12	US8185105	US	Granted	METHOD, SYSTEM AND APPARATUS FOR USING IMS COMMUNICATION SERVICE IDENTIFIER	2012/05/22	US12/539890	2009/08/12
13HU01-030-11	US8417240	US	Granted	METHOD, SYSTEM AND APPARATUS FOR USING IMS COMMUNICATION SERVICE IDENTIFIER	2013/04/09	US13/414770	2012/03/08
13HU01-030-11r	US14/285524	US	Reissuing	METHOD, SYSTEM AND APPARATUS FOR USING IMS COMMUNICATION SERVICE IDENTIFIER		US14/285524	2014/05/22
13HU01-030-13	WO2008098459	WO	Lapsed	METHOD, SYSTEM AND MEANS FOR APPLYING IMS COMMUNICATION SERVICE IDENTIFIERS IN A COMMUNICATION SYSTEM	2008/08/21	WO2007CN71090A	2007/11/19
13HU01-031-02	CN101064661	CN	Granted	Method and apparatus for notifying user to complement service	2011/08/24	CN200610099533.5	2006/07/28
13HU01-031-03	CN101317438	CN	Granted	Method and device for perceiving supplementary service executed by user	2012/04/25	CN200780000297.X	2007/02/08
13HU01-031-01	CN200610079107.5	CN	Lapsed	Method and apparatus for notifying user to complement service	1900/01/00	CN200610079107.5	2006/04/29
13HU01-031-04	EP1881689	DE	Granted	A METHOD AND DEVICE FOR PERCEIVING THE USER TRIGGERING A SUPPLEMENTARY SERVICE	2010/06/02	EP2007702308A	2007/02/08
13HU01-031-05	EP1881689	EP	PreCursor(EP)	A METHOD AND DEVICE FOR PERCEIVING THE USER TRIGGERING A SUPPLEMENTARY SERVICE	2010/06/02	EP2007702308A	2007/02/08
13HU01-031-06	EP1881689	FR	Granted	A METHOD AND DEVICE FOR PERCEIVING THE USER TRIGGERING A SUPPLEMENTARY SERVICE	2010/06/02	EP2007702308A	2007/02/08
13HU01-031-07	EP1881689	GB	Granted	A METHOD AND DEVICE FOR PERCEIVING THE USER TRIGGERING A SUPPLEMENTARY SERVICE	2010/06/02	EP2007702308A	2007/02/08
13HU01-031-08	US20080032686	US	Lapsed	Method and device for making awareness of occurrence of a	2008/02/07	US2007881806A	2007/07/27

				supplementary service			
13HU01-031-09	WO2007124641	WO	Lapsed	A METHOD AND DEVICE FOR PERCEIVING THE USER TRIGGERING A SUPPLEMENTARY SERVICE	2007/11/08	WO2007CN435A	2007/02/08
13HU01-032-01	CN101056452	CN	Granted	Method and system for negotiating the voice encoding and decoding format in the communication system	2010/05/12	CN200610035050.9	2006/04/18
13HU01-032-02	CN101167374	CN	Granted	Method, system and device for negotiating voice coding/decoding in communication system	2011/02/09	CN200680013004.7	2006/11/29
13HU01-032-03	EP1848190	DE	EP-Designated	Method, system and device for speech codec negotiation in communication system	2007/10/24	EP20077802A	2007/04/17
13HU01-032-04	EP1848190	EP	EP-Pending	Method, system and device for speech codec negotiation in communication system	2007/10/24	EP20077802A	2007/04/17
13HU01-032-05	EP1848190	FI	EP-Designated	Method, system and device for speech codec negotiation in communication system	2007/10/24	EP20077802A	2007/04/17
13HU01-032-06	EP1848190	FR	EP-Designated	Method, system and device for speech codec negotiation in communication system	2007/10/24	EP20077802A	2007/04/17
13HU01-032-07	EP1848190	GB	EP-Designated	Method, system and device for speech codec negotiation in communication system	2007/10/24	EP20077802A	2007/04/17
13HU01-032-08	EP1848190	SE	EP-Designated	Method, system and device for speech codec negotiation in communication system	2007/10/24	EP20077802A	2007/04/17
13HU01-032-09	US7764953	US	Granted	Method, system and device for speech Codec negotiation in communication system	2010/07/27	US2007787527A	2007/04/17
13HU01-032-10	WO2007118380	WO	Lapsed	METHOD, SYSTEM AND DEVICE FOR NEGOTIATING VOICE CODING/DECODING IN COMMUNICATION SYSTEM	2007/10/25	WO2006CN3214A	2006/11/29
13HU01-033-01	CN101026653	CN	Granted	System and method for realizing colour image business	2011/08/24	CN200610057699.0	2006/02/24
13HU01-033-02	CN101156426	CN	Granted	System and method for implementing polychrome service	2011/02/16	CN200680011755.5	2006/11/01
13HU01-033-03	CN102394863	CN	Pending	System and method for realizing colour image business	2012/03/28	CN201110266055.3	2006/02/24
13HU01-033-04	EP1826985	DE	Granted	System and method for implementing multimedia calling line identification presentation service	2009/10/28	EP2007101173A	2007/01/25
13HU01-033-05	EP1826985	EP	PreCursor(EP)	System and method for implementing multimedia calling line identification	2009/10/28	EP2007101173A	2007/01/25

				presentation service			
13HU01-033-06	EP1826985	FR	Granted	System and method for implementing multimedia calling line identification presentation service	2009/10/28	EP2007101173A	2007/01/25
13HU01-033-07	EP1826985	GB	Granted	System and method for implementing multimedia calling line identification presentation service	2009/10/28	EP2007101173A	2007/01/25
13HU01-033-08	US20070201635	US	Pending	System and method for implementing multimedia calling line identification presentation service	2007/08/30	US11/698891	2007/01/29
13HU01-033-09	WO2007095802	WO	Lapsed	SYSTEM AND METHOD FOR REALIZING COLOR-IMAGE SERVICE	2007/08/30	WO2006CN2933A	2006/11/01
13HU01-034-01	CN100487788	CN	Granted	A method to realize the function of text-to-speech convert	2009/05/13	CN200510114277.8	2005/10/21
13HU01-034-02	EP1950737	DE	Granted	A METHOD, DEVICE AND SYSTEM FOR ACCOMPLISHING THE FUNCTION OF TEXT-TO-SPEECH CONVERSION	2010/05/26	EP2006805015A	2006/10/20
13HU01-034-03	EP1950737	EP	PreCursor(EP)	A METHOD, DEVICE AND SYSTEM FOR ACCOMPLISHING THE FUNCTION OF TEXT-TO-SPEECH CONVERSION	2010/05/26	EP2006805015A	2006/10/20
13HU01-034-04	EP1950737	GB	Granted	A METHOD, DEVICE AND SYSTEM FOR ACCOMPLISHING THE FUNCTION OF TEXT-TO-SPEECH CONVERSION	2010/05/26	EP2006805015A	2006/10/20
13HU01-034-05	US20080205279	US	Lapsed	Method, Apparatus and System for Accomplishing the Function of Text-to-Speech Conversion	2008/08/28	US2008106693A	2008/04/21
13HU01-034-06	WO2007045187	WO	Lapsed	A METHOD, APPARATUS AND SYSTEM FOR ACCOMPLISHING THE FUNCTION OF TEXT-TO-SPEECH CONVERSION	2007/04/26	WO2006CN2806A	2006/10/20
13HU01-035-01	CN101155148	CN	Granted	Media gateway issuing receiving multicast data to method, system and device	2012/02/22	CN200610140147.6	2006/09/30
13HU01-035-02	EP2068513	DE	Granted	METHOD, SYSTEM AND DEVICE FOR DISTRUBUTING AND RECEIVING THE MULTICAST DATA IN THE MEDIA GATEWAY	2010/11/24	EP2007816481A	2007/09/29
13HU01-035-03	EP2068513	EP	PreCursor(EP)	METHOD, SYSTEM AND DEVICE FOR DISTRUBUTING AND RECEIVING THE MULTICAST DATA IN THE MEDIA GATEWAY	2010/11/24	EP2007816481A	2007/09/29
13HU01-035-04	EP2068513	IT	Granted	METHOD, SYSTEM AND DEVICE FOR DISTRUBUTING AND	2010/11/24	EP2007816481A	2007/09/29

				RECEIVING THE MULTICAST DATA IN THE MEDIA GATEWAY			
13HU01-035-05	US7920579	US	Granted	Method, system and apparatus for media gateway to transmit and receive multicast data	2011/04/05	US2009413015A 12/413,015	2009/03/27
13HU01-035-06	WO2008040191	WO	Lapsed	METHOD, SYSTEM AND DEVICE FOR DISTRUBUTING AND RECEIVING THE MULTICAST DATA IN THE MEDIA GATEWAY	2008/04/10	WO2007CN2867A	2007/09/29
13HU01-036-01	CN101277343	CN	Granted	Method, terminal and system for implementing video binding in voice communication network	2012/01/04	CN200710095931.4	2007/03/30
13HU01-036-02	EP2120440	DE	Granted	A METHOD, TERMINAL AND SYSTEM FOR IMPLEMENTING VIDEO BINDING IN A VOICE COMMUNICATION NETWORK	2011/10/19	EP2008706632A	2008/02/03
13HU01-036-03	EP2120440	EP	PreCursor(EP)	A METHOD, TERMINAL AND SYSTEM FOR IMPLEMENTING VIDEO BINDING IN A VOICE COMMUNICATION NETWORK	2011/10/19	EP2008706632A	2008/02/03
13HU01-036-04	EP2120440	FR	Granted	A METHOD, TERMINAL AND SYSTEM FOR IMPLEMENTING VIDEO BINDING IN A VOICE COMMUNICATION NETWORK	2011/10/19	EP2008706632A	2008/02/03
13HU01-036-05	EP2120440	GB	Granted	A METHOD, TERMINAL AND SYSTEM FOR IMPLEMENTING VIDEO BINDING IN A VOICE COMMUNICATION NETWORK	2011/10/19	EP2008706632A	2008/02/03
13HU01-036-06	WO2008119272	WO	Lapsed	A METHOD, TERMINAL AND SYSTEM FOR IMPLEMENTING VIDEO BINDING IN A VOICE COMMUNICATION NETWORK	2008/10/09	WO2008CN70257A	2008/02/03
13HU01-037-01	CN101064680	CN	Granted	Method, system and apparatus for realizing multimedia calling service	2010/04/21	CN200610079110.7	2006/04/29
13HU01-037-02	EP2015592	DE	Granted	REALIZING A MULTIMEDIA CALL SERVICE	2012/07/11	EP2007720936A	2007/04/24
13HU01-037-03	EP2015592	EP	PreCursor(EP)	REALIZING A MULTIMEDIA CALL SERVICE	2012/07/11	EP2007720936A	2007/04/24
13HU01-037-04	EP2015592	GB	Granted	REALIZING A MULTIMEDIA CALL SERVICE	2012/07/11	EP2007720936A	2007/04/24
13HU01-037-05	WO2007124684	WO	Lapsed	A METHOD, SYSTEM AND APPARATUS FOR REALIZING MULTIMEDIA CALLING SERVICE	2007/11/08	WO2007CN1363A	2007/04/24
13HU01-038-01	CN100531267	CN	Granted	Method for realizing echo in communication system	2009/08/19	CN200510034345.X	2005/04/21
13HU01-038-02	EP1874016	EP	Lapsed	A METHOD FOR REALIZING RING BACK TONE IN COMMUNICATION SYSTEM	2008/01/02	EP2006741698A	2006/04/21
13HU01-038-03	US7986775	US	Granted	Method for realizing ring back tone in communication system	2011/07/26	US11/875195	2007/10/19

13HU01-038-04	WO2006111100	WO	Lapsed	A METHOD FOR REALIZING RING BACK TONE IN COMMUNICATION SYSTEM	2006/10/26	WO2006CN754A	2006/04/21
13HU01-039-01	CN1177508	CN	Granted	Method for implementing long-distance intelligent user roam calling	2004/11/24	CN2001123948A	2001/08/07
13HU01-039-02	CN1400843	CN	Lapsed	Method for implementing long-distance intelligent user roam calling	2003/03/05	CN2001123948A	2001/08/07
13HU01-039-03	EP1420605	EP	Lapsed	Implementing roaming call to foreign intelligent client	2007/11/28	EP2002719621A	2002/03/29
13HU01-039-04	RU2267865	RU	Lapsed	METHOD FOR CALLING EXTERNAL CLIENT OF INTELLECTUAL NETWORK IN ROAMING MODE	2006/01/10	RU2004104321A	2002/03/29
13HU01-039-05	US7349693	US	Granted	Method for implementing a call connection between a non-local calling subscriber and a local called subscriber who is an intelligent network subscriber	2008/03/25	US2003486322A 10486322	2002/03/29
13HU01-039-06	WO2003015437	WO	Lapsed	METHOD FOR ROAMING CALL IMPLEMENT TO FOREIGN INTELLIGENT CLIENT	2003/02/20	WO2002CN219A	2002/03/29

Unique ID	Patent Number	Country	Portfolio Status	Title	Issue / Publication Date	Application Number	Filing Date
13PA01-001-01	CN1173499	CN	Granted	Ofdma signal transmitting apparatus and method	2004/10/27	CN99800972	1999/05/28
13PA01-001-03	EP1001566	DE	EP-Designated	Ofdma signal transmitting apparatus and method	2000/05/17	EP99922578	1999/05/28
13PA01-001-02	EP1001566	EP	EP-Pending	Ofdma signal transmitting apparatus and method	2000/05/17	EP99922578	1999/05/28
13PA01-001-04	EP1001566	FR	EP-Designated	Ofdma signal transmitting apparatus and method	2000/05/17	EP99922578	1999/05/28
13PA01-001-05	EP1001566	GB	EP-Designated	Ofdma signal transmitting apparatus and method	2000/05/17	EP99922578	1999/05/28
13PA01-001-06	EP1001566	IT	EP-Designated	Ofdma signal transmitting apparatus and method	2000/05/17	EP99922578	1999/05/28
13PA01-001-07	EP1001566	NL	EP-Designated	Ofdma signal transmitting apparatus and method	2000/05/17	EP99922578	1999/05/28
13PA01-001-08	JP3515690	JP	Granted	Ofdma signal transmitter and its method	2004/04/05	JP15321498	1998/06/02
13PA01-001-09	US6726297	US	Granted	Ofdma signal transmission apparatus and method	2004/04/27	US09/462491	2000/01/20
13PA01-002-01	JP4864008	JP	Granted	Method of the carrier allotment in the multiple cell orthogonal frequency division multiple access system	2012/01/25	JP2007545294	2006/11/16
13PA01-002-02	US8009549	US	Granted	Carrier allocation method in multi cell orthogonal frequency division multiple access system	2011/08/30	US12/092950	2006/11/16
13PA01-003-01	EP1968335	DE	Granted	Radio communication base station device and pilot transmission method	2011/10/05	EP07706996	2007/01/18
13PA01-003-02	EP1968335	FR	Granted	Radio communication base station device and pilot transmission method	2011/10/05	EP07706996	2007/01/18
13PA01-003-03	EP1968335	GB	Granted	Radio communication base station device and pilot transmission method	2011/10/05	EP07706996	2007/01/18
13PA01-003-04	JP4832450	JP	Granted	Radio communication base station device and pilot transmission method	2011/12/07	JP2007554946	2007/01/18
13PA01-003-05	US8416810	US	Granted	Radio communication base station apparatus and pilot transmission method	2013/04/09	US12/160872	2007/01/18
13PA01-004-01	CN100440762	CN	Granted	Ofdm communication device	2008/12/03	CN01803504	2001/11/14
13PA01-004-02	DE60143934	DE	Granted	Ofdm nachrichtenÃfÅ“bertragungsvorrichtung	2011/03/10	DE60143934	2001/11/14
13PA01-004-03	DE60143978	DE	Granted	Ofdm-kommunikationsvorrichtung	2011/03/10	DE60143978	2001/11/14
13PA01-004-05	EP1249955	FR	Granted	Ofdm communication device	2011/01/26	EP01982773	2001/11/14

13PA01-004-04	EP1249955	GB	Granted	Ofdm communication device	2011/01/26	EP01982773	2001/11/14
13PA01-004-07	EP2161867	FR	Granted	Ofdm communication device	2010/03/10	EP09178209	2001/11/14
13PA01-004-06	EP2161867	GB	Granted	Ofdm communication device	2010/03/10	EP09178209	2001/11/14
13PA01-004-08	JP4000057	JP	Granted	Ofdm communication device	2007/10/31	JP2002543837	2001/11/14
13PA01-004-09	US7646702	US	Granted	Ofdm communication apparatus	2010/01/12	US10/169716	2002/07/09
13PA01-004-10	US8238226	US	Granted	Ofdm communication apparatus	2012/08/07	US12/505420	2009/07/17
13PA01-005-01	CN100544237	CN	Granted	Radio base station apparatus	2009/09/23	CN03804886	2003/08/01
13PA01-005-02	DE60325861	DE	Granted	Funkbasisstationsvorrichtung	2009/03/05	DE60325861	2003/08/01
13PA01-005-03	EP1525687	FR	Granted	Radio base station apparatus	2009/01/14	EP03766690	2003/08/01
13PA01-005-04	EP1525687	GB	Granted	Radio base station apparatus	2009/01/14	EP03766690	2003/08/01
13PA01-005-05	JP4098027	JP	Granted	Radio base station apparatus	2008/06/11	JP2002224571	2002/08/01
13PA01-005-06	US7593317	US	Granted	Radio base station apparatus	2009/09/22	US10/503010	2004/07/29
13PA01-006-01	CN101133614	CN	Lapsed	Ofdm receiver, integrated circuit and receiving method	2011/06/29	CN200680006764	2006/02/28
13PA01-006-02	DE602006004975	DE	Lapsed	Ofdm-empfänger und empfangsverfahren	2009/03/12	DE602006004975	2006/02/28
13PA01-006-03	EP1861977	FR	Lapsed	Ofdm receiver and receiving method	2009/01/21	EP06728642	2006/02/28
13PA01-006-04	EP1861977	GB	Lapsed	Ofdm receiver and receiving method	2009/01/21	EP06728642	2006/02/28
13PA01-006-05	EP1861977	IT	Lapsed	Ofdm receiver and receiving method	2009/01/21	EP06728642	2006/02/28
13PA01-006-06	JP4971172	JP	Granted	Receiving device, integrated circuit and reception method	2012/07/11	JP2007539403	2006/02/28
13PA01-006-07	US7929627	US	Granted	Ofdm receiver, integrated circuit and receiving method	2011/04/19	US11/885042	2006/02/28
13PA01-007-01	CN101080893	CN	Granted	Re-transmission method and transmitting device for multi-antenna transmission	2010/12/29	CN200580043160	2005/12/14
13PA01-007-02	EP1821440	EP	Lapsed	Retransmitting method and transmitting method in multi-antenna transmission	2007/08/22	EP05816694	2005/12/14
13PA01-007-03	JP4863884	JP	Granted	The retransmission method in multiple antenna transmitting	2012/01/25	JP2006548891	2005/12/14
13PA01-007-04	KR100912762	KR	Granted	Retransmitting method and transmitting method in multi-antenna transmission	2009/08/18	KR20077013565	2007/06/15
13PA01-007-05	US7826557	US	Granted	Retransmitting method and transmitting method in multi-antenna transmission	2010/11/02	US11/721911	2005/12/14

13PA01-008-01	EP1895679	DE	Granted	Mimo antenna apparatus controlling number of streams and modulation and demodulation method	2012/07/11	EP07115147	2007/08/29
13PA01-008-02	EP1895679	GB	Granted	Mimo antenna apparatus controlling number of streams and modulation and demodulation method	2012/07/11	EP07115147	2007/08/29
13PA01-008-03	JP4837638	JP	Granted	Mimo antenna apparatus and wireless communication apparatus having it	2011/12/14	JP2007222315	2007/08/29
13PA01-008-04	US7792084	US	Granted	Mimo antenna apparatus controlling number of streams and modulation and demodulation method	2010/09/07	US11/892886	2007/08/28
13PA01-009-01	JP4864000	JP	Granted	The radio communication base station device and the radio communication method in multiple carrier communicating	2012/01/25	JP2007529557	2006/08/04
13PA01-009-02	KR20080031377	KR	Lapsed	Wireless communication base station apparatus and wireless communication method in multicarrier communication	2008/04/08	KR20087002994	2008/02/04
13PA01-009-03	US8064393	US	Granted	Wireless communication base station apparatus and wireless communication method in multicarrier communication	2011/11/22	US11/997841	2006/08/04
13PA01-010-01	CN101502025	CN	Granted	Wireless communication base station device and wireless communication method	2012/11/28	CN200780028893	2007/10/12
13PA01-010-03	EP2051410	DE	EP-Designated	Wireless communication base station device and wireless communication method	2009/04/22	EP07829721	2007/10/12
13PA01-010-02	EP2051410	EP	EP-Pending	Wireless communication base station device and wireless communication method	2009/04/22	EP07829721	2007/10/12
13PA01-010-06	EP2051410	FI	EP-Designated	Wireless communication base station device and wireless communication method	2009/04/22	EP07829721	2007/10/12
13PA01-010-04	EP2051410	FR	EP-Designated	Wireless communication base station device and wireless communication method	2009/04/22	EP07829721	2007/10/12
13PA01-010-05	EP2051410	GB	EP-Designated	Wireless communication base station device and wireless communication method	2009/04/22	EP07829721	2007/10/12
13PA01-010-07	EP2051410	SE	EP-Designated	Wireless communication base station device and wireless communication method	2009/04/22	EP07829721	2007/10/12
13PA01-010-08	JP4903033	JP	Granted	Wireless communication base station device and wireless communication method	2012/03/21	JP2006344925	2006/12/21
13PA01-	US8270332	US	Granted	Wireless communication base	2012/09/18	US12/377373	2007/10/12

010-09				station device and wireless communication method			
13PA01-010-10	US8582573	US	Granted	Radio communication base station apparatus and radio communication method	2012/12/13	US13/590841	2012/08/21
13PA01-011-01	BR9906339	BR	Pending	"aparelho de comunicaÃ§Ã£o de rÃ¡dio e mÃ©todo de controle de coeficiente de transmissÃ£o"	2000/09/19	BR9906339	1999/04/19
13PA01-011-02	CA2293606	CA	Granted	Radio communication apparatus and transmission rate control method	2005/02/08	CA2293606	1999/04/19
13PA01-011-03	CN1130944	CN	Granted	Radio communication device and method for controlling transmission rate	2003/12/10	CN99800567	1999/04/19
13PA01-011-04	DE69903110	DE	Granted	FunkÃ¼bertragungsgerÃ¡t und verfahren zur kontrolle der Ã¼bertragungsrate	2003/01/23	DE69903110	1999/04/19
13PA01-011-05	DE69914351	DE	Granted	FunkkommunikationsgerÃ¡t und verfahren zur einstellung der Ã¼bertragungsrate	2004/06/24	DE69914351	1999/04/19
13PA01-011-12	EP0986282	FI	Granted	Radio communication device and method of controlling transmission rate	2002/09/25	EP99913715	1999/04/19
13PA01-011-11	EP0986282	FR	Granted	Radio communication device and method of controlling transmission rate	2002/09/25	EP99913715	1999/04/19
13PA01-011-13	EP0986282	GB	Granted	Radio communication device and method of controlling transmission rate	2002/09/25	EP99913715	1999/04/19
13PA01-011-14	EP0986282	IT	Granted	Radio communication device and method of controlling transmission rate	2002/09/25	EP99913715	1999/04/19
13PA01-011-15	EP0986282	NL	Granted	Radio communication device and method of controlling transmission rate	2002/09/25	EP99913715	1999/04/19
13PA01-011-07	EP1122965	FI	Granted	Radio communication device and method of controlling transmission rate	2004/01/21	EP01106695	1999/04/19
13PA01-011-06	EP1122965	FR	Granted	Radio communication device and method of controlling transmission rate	2004/01/21	EP01106695	1999/04/19
13PA01-011-08	EP1122965	GB	Granted	Radio communication device and method of controlling transmission rate	2004/01/21	EP01106695	1999/04/19
13PA01-011-09	EP1122965	IT	Granted	Radio communication device and method of controlling transmission rate	2004/01/21	EP01106695	1999/04/19
13PA01-011-10	EP1122965	NL	Granted	Radio communication device and method of controlling transmission rate	2004/01/21	EP01106695	1999/04/19
13PA01-	ES2184430	ES	Granted	Dispositivo de comunicacion por	2003/04/01	ES99913715	1999/04/19

011-17				radio y procedimiento que permite ajustar la velocidad de transmision.			
13PA01-011-16	ES2214356	ES	Granted	Dispositivo de comunicacion por radio y metodo para controlar la velocidad de transmision.	2004/09/16	ES01106695	1999/04/19
13PA01-011-18	JP4738451	JP	Granted	Communication terminal apparatus and communication method therefor	2011/08/03	JP2008194038	2008/07/28
13PA01-011-21	US6366763	US	Granted	Radio communication device and method of controlling transmission rate	2002/04/02	US09/648756	2000/08/28
13PA01-011-22	US6370359	US	Granted	Radio communication device and method of controlling transmission rate	2002/04/09	US09/648757	2000/08/28
13PA01-011-20	US6381445	US	Granted	Radio communication device and method of controlling transmission rate	2002/04/30	US09/648742	2000/08/28
13PA01-011-19	US6400929	US	Granted	Radio communication device and method of controlling transmission rate	2002/06/04	US09/424843	1999/12/06
13PA01-011-23	US6487394	US	Granted	Radio communication device and method of controlling transmission rate	2002/11/26	US09/649003	2000/08/28
13PA01-011-25	US6505035	US	Granted	Radio communication apparatus and transmission rate control method	2003/01/07	US10/052261	2002/01/23
13PA01-011-24	US6597894	US	Granted	Radio communication device and method of controlling transmission rate	2003/07/22	US09/649006	2000/08/28
13PA01-011-27	US6611676	US	Granted	Radio communication apparatus and transmission rate control method	2003/08/26	US10/083553	2002/02/27
13PA01-011-26	US6973289	US	Granted	Radio communication device and method of controlling transmission rate	2005/12/06	US10/057897	2002/01/29
13PA01-011-28	US7636551	US	Granted	Radio communication device and method of controlling transmission rate	2009/12/22	US11/228339	2005/09/19
13PA01-012-01	US6637001	US	Granted	Apparatus and method for image/voice transmission	2003/10/21	US09/650743	2000/08/30
13PA01-013-01	AU2407202	AU	Lapsed	Decoder and decoding method	2002/06/11	AU2407202	2001/11/22
13PA01-013-02	CN1266868	CN	Granted	Communication terminal device and decoding method	2006/07/26	CN01804109	2001/11/22
13PA01-013-03	JP3399923	JP	Granted	Decoding device and decoding method	2003/04/28	JP2000362431	2000/11/29
13PA01-013-05	US20050002477	US	Lapsed	Decoding apparatus and decoding method	2005/01/06	US10/901380	2004/07/29
13PA01-013-04	US6813323	US	Granted	Decoding method and communication terminal apparatus	2004/11/02	US10/182270	2002/07/25

13PA01-014-03	JP3492637	JP	Granted	Decoding device and decoding method	2004/02/03	JP2001046559	2001/02/22
13PA01-014-01	JP3522700	JP	Granted	Channel detecting apparatus and method therefor	2004/04/26	JP2001023713	2001/01/31
13PA01-014-02	JP3526271	JP	Granted	Decoding device and decoding method	2004/05/10	JP2001031850	2001/02/08
13PA01-014-04	KR100727732	KR	Granted	Decoding device and decoding method	2007/06/13	KR20057021280	2005/11/09
13PA01-014-08	US20050219071	US	Lapsed	Apparatus and method for decoding	2005/10/06	US11/134448	2005/05/23
13PA01-014-05	US6734810	US	Granted	Apparatus and method for decoding	2004/05/11	US10/221267	2002/09/10
13PA01-014-07	US6922159	US	Granted	Apparatus and method for decoding	2005/07/26	US10/793766	2004/03/08
13PA01-014-06	US6940428	US	Granted	Apparatus and method for decoding	2005/09/06	US10/793737	2004/03/08
13PA01-015-01	CN1114324	CN	Granted	Base station, mobile unit communication apparatus and method of communication between them	2003/07/09	CN97119237	1997/09/30
13PA01-015-02	DE69708823	DE	Granted	Spreizspektrum-verfahren und system zur "bertragung zwischen einer basisstation und einer vielzahl von mobilen stationen	2002/06/20	DE69708823	1997/10/01
13PA01-015-03	EP0836288	FI	Granted	Spread-spectrum method and system for communication between a base station and a plurality of mobile units	2001/12/05	EP97307725	1997/10/01
13PA01-015-04	EP0836288	FR	Granted	Spread-spectrum method and system for communication between a base station and a plurality of mobile units	2001/12/05	EP97307725	1997/10/01
13PA01-015-05	EP0836288	GB	Granted	Spread-spectrum method and system for communication between a base station and a plurality of mobile units	2001/12/05	EP97307725	1997/10/01
13PA01-015-06	EP0836288	SE	Granted	Spread-spectrum method and system for communication between a base station and a plurality of mobile units	2001/12/05	EP97307725	1997/10/01
13PA01-015-07	JP3720141	JP	Granted	Mobile communication method and its system	2005/11/24	JP26062596	1996/10/01
13PA01-015-08	US6069884	US	Granted	Method of communication between a base station and a plurality of mobile unit communication apparatus, a base station, and mobile unit communication apparatus	2000/05/30	US08/937005	1997/09/24
13PA01-016-01	AU710430	AU	Granted	Base station equipment for mobile communication	1999/09/23	AU4320797	1997/09/25
13PA01-	CA2238358	CA	Granted	Base station apparatus for	2001/12/04	CA2238358	1997/09/25

016-02				mobile communication			
13PA01-016-03	CN1175592	CN	Granted	Base station equipment for mobile communication	2004/11/10	CN97191312	1997/09/25
13PA01-016-04	DE69721224	DE	Granted	Verfahren f��r sanftes weiterreichen in einer basisstation mit sektoren und basisstation daf��r	2003/11/13	DE69721224	1997/09/25
13PA01-016-05	EP0869629	FR	Granted	Soft handover method in a sectored base station and base station therefor	2003/04/23	EP97941232	1997/09/25
13PA01-016-06	EP0869629	GB	Granted	Soft handover method in a sectored base station and base station therefor	2003/04/23	EP97941232	1997/09/25
13PA01-016-07	EP0869629	IT	Granted	Soft handover method in a sectored base station and base station therefor	2003/04/23	EP97941232	1997/09/25
13PA01-016-08	EP0869629	NL	Granted	Soft handover method in a sectored base station and base station therefor	2003/04/23	EP97941232	1997/09/25
13PA01-016-09	JP4098833	JP	Granted	Mobile communication base station device	2008/06/11	JP51549798	1997/09/25
13PA01-016-10	US6119004	US	Granted	Base station equipment for mobile communication	2000/09/12	US09/068541	1998/05/13
13PA01-017-01	CN1100464	CN	Granted	Differential detector with error correcting function	2003/01/29	CN98105319	1998/02/20
13PA01-017-02	DE69818323	DE	Granted	Differential-detektor mit fehlerkorrekturfunktion	2004/07/01	DE69818323	1998/02/11
13PA01-017-03	EP0860964	FR	Granted	Differential detector with error correcting function	2003/09/24	EP98301000	1998/02/11
13PA01-017-04	EP0860964	GB	Granted	Differential detector with error correcting function	2003/09/24	EP98301000	1998/02/11
13PA01-017-05	JP3468657	JP	Lapsed	Delay detector with error correction	2003/11/17	JP5251497	1997/02/21
13PA01-017-06	US6069924	US	Granted	Differential detector with error correcting function	2000/05/30	US09/027510	1998/02/20
13PA01-018-01	CN1262083	CN	Granted	Cdma radio communication system and its method	2006/06/28	CN99110630	1999/07/23
13PA01-018-02	DE69936019	DE	Granted	Cdma-funk��bertragungssystem und -verfahren	2007/08/30	DE69936019	1999/07/21
13PA01-018-04	EP0975118	ES	Lapsed	Cdma radio communication system and method	2007/05/09	EP99114151	1999/07/21
13PA01-018-05	EP0975118	FR	Granted	Cdma radio communication system and method	2007/05/09	EP99114151	1999/07/21
13PA01-018-06	EP0975118	GB	Granted	Cdma radio communication system and method	2007/05/09	EP99114151	1999/07/21
13PA01-018-07	EP0975118	IT	Lapsed	Cdma radio communication system and method	2007/05/09	EP99114151	1999/07/21
13PA01-018-08	EP0975118	SE	Lapsed	Cdma radio communication system and method	2007/05/09	EP99114151	1999/07/21
13PA01-	EP1826938 - DIV	EP	Lapsed	Cdma radio communication	2007/08/29	EP07105867	1999/07/21

018-03				system and method			
13PA01-018-10	JP3411850	JP	Granted	Cdma radio communication system	2003/06/03	JP9142999	1999/03/31
13PA01-018-09	JP3411854	JP	Granted	Cdma radio communication system and method	2003/06/03	JP19480599	1999/07/08
13PA01-018-12	US20040048578	US	Lapsed	Cdma radio transmission apparatus, cdma radio reception apparatus, and cdma radio communication method	2004/03/11	US10/419089	2003/04/21
13PA01-018-11	US6636723	US	Granted	Cdma radio communication system using chip interleaving	2003/10/21	US09/359020	1999/07/22
13PA01-019-02	CN1086524	CN	Granted	Switching over method for cdma system and base station of mobile station	2002/06/19	CN98106939	1998/04/15
13PA01-019-01	CN1170388	CN	Granted	Commutation method in cdma	2004/10/06	CN02105576	1998/04/15
13PA01-019-03	DE69817904	DE	Granted	Weiterreichen verfahren in einem spreizspektrum-Ã¼betragungseinrichtung	2004/05/19	DE69817904	1998/04/14
13PA01-019-04	DE69824054	DE	Granted	Spreizspektrumkommunikations system	2004/09/09	DE69824054	1998/04/14
13PA01-019-09	EP0873034	FR	Granted	Handover method in a spread spectrum communication system	2003/09/10	EP98106758	1998/04/14
13PA01-019-10	EP0873034	GB	Granted	Handover method in a spread spectrum communication system	2003/09/10	EP98106758	1998/04/14
13PA01-019-11	EP0873034	NL	Granted	Handover method in a spread spectrum communication system	2003/09/10	EP98106758	1998/04/14
13PA01-019-12	EP0873034	SE	Granted	Handover method in a spread spectrum communication system	2003/09/10	EP98106758	1998/04/14
13PA01-019-05	EP1304899	FR	Granted	Spread spectrum communication system	2004/05/19	EP02026952	1998/04/14
13PA01-019-06	EP1304899	GB	Granted	Spread spectrum communication system	2004/05/19	EP02026952	1998/04/14
13PA01-019-07	EP1304899	NL	Granted	Spread spectrum communication system	2004/05/19	EP02026952	1998/04/14
13PA01-019-08	EP1304899	SE	Granted	Spread spectrum communication system	2004/05/19	EP02026952	1998/04/14
13PA01-019-13	KR100371837	KR	Granted	Hand-over method, mobile station apparatus and base station apparatus	2003/01/28	KR20020030497	2002/05/31
13PA01-019-14	US6628630	US	Granted	Spread spectrum communication method	2003/09/30	US09/058881	1998/04/13
13PA01-020-01	JP9271070	JP	Non-applicable	Digital mobile object communication equipment	1997/10/14	JP7642396	1996/03/29
13PA01-020-02	US6404778	US	Granted	Radio communication apparatus	2002/06/11	US09/159602	1998/09/24

13PA01-021-01	CN1134128	CN	Granted	Cdma/tdd mobile communication system and method	2004/01/07	CN99103968	1999/03/09
13PA01-021-02	DE69927200	DE	Granted	Cdma/tdd mobiles kommunikationssystem und verfahren	2006/01/12	DE69927200	1999/03/04
13PA01-021-03	DE69942350	DE	Granted	Cdma/tdd mobilstation und verfahren	2010/06/17	DE69942350	1999/03/04
13PA01-021-07	EP0948221	FR	Granted	Cdma/tdd mobile communication system and method	2005/09/14	EP99102882	1999/03/04
13PA01-021-08	EP0948221	GB	Granted	Cdma/tdd mobile communication system and method	2005/09/14	EP99102882	1999/03/04
13PA01-021-09	EP0948221	IT	Granted	Cdma/tdd mobile communication system and method	2005/09/14	EP99102882	1999/03/04
13PA01-021-04	EP1578163	FR	Granted	Cdma/tdd mobile station and method	2010/05/05	EP05013391	1999/03/04
13PA01-021-05	EP1578163	GB	Granted	Cdma/tdd mobile station and method	2010/05/05	EP05013391	1999/03/04
13PA01-021-06	EP1578163	IT	Granted	Cdma/tdd mobile station and method	2010/05/05	EP05013391	1999/03/04
13PA01-021-11	ES2248932	ES	Granted	Sistema de comunicacion movil cdma/tdd y metodo.	2006/03/16	ES99102882	1999/03/04
13PA01-021-10	ES2343414	ES	Granted	Estacion movil cdma/tdd y metodo.	2010/07/30	ES05013391	1999/03/04
13PA01-021-12	JP3881770	JP	Granted	System and method for time division duplex cdma mobile communication	2007/02/14	JP7831798	1998/03/10
13PA01-021-13	US6611509	US	Granted	Cdma/tdd mobile communication system and method	2003/08/26	US09/264826	1999/03/09
13PA01-021-14	US6807162	US	Granted	Cdma/tdd mobile communication system and method	2004/10/19	US10/166268	2002/06/11
13PA01-021-15	US6973065	US	Granted	Cdma/tdd mobile communication system and method	2005/12/06	US10/419733	2003/04/22
13PA01-021-16	US7778224	US	Granted	Cdma/tdd mobile communication system and method	2010/08/17	US10/885684	2004/07/08
13PA01-022-01	CN100413233	CN	Granted	Communication terminal device and base station device	2008/08/20	CN00131890	2000/07/05
13PA01-022-02	DE60026907	DE	Granted	KommunikationsendgerÄtivorrichtung und basisstationvorrichtung	2006/08/17	DE60026907	2000/07/04
13PA01-022-03	DE60043953	DE	Granted	Cdma-sender und -empfÄnger unter verwendung von midambles	2010/04/15	DE60043953	2000/07/04
13PA01-022-04	EP1067723	FR	Granted	Communication terminal apparatus and base station	2006/03/29	EP00114318	2000/07/04

				apparatus			
13PA01-022-05	EP1067723	GB	Granted	Communication terminal apparatus and base station apparatus	2006/03/29	EP00114318	2000/07/04
13PA01-022-06	EP1067723	SE	Lapsed	Communication terminal apparatus and base station apparatus	2006/03/29	EP00114318	2000/07/04
13PA01-022-07	EP1667337	FR	Granted	Cdma transmitter and receiver using midambles	2010/03/03	EP06001107	2000/07/04
13PA01-022-08	EP1667337	GB	Granted	Cdma transmitter and receiver using midambles	2010/03/03	EP06001107	2000/07/04
13PA01-022-09	EP1667337	SE	Granted	Cdma transmitter and receiver using midambles	2010/03/03	EP06001107	2000/07/04
13PA01-022-10	JP2001024556	JP	Lapsed	Communication device	2001/01/26	JP19005099	1999/07/05
13PA01-022-11	JP2001257626	JP	Lapsed	Communication unit and communication method	2001/09/21	JP2000068426	2000/03/13
13PA01-022-12	JP3748351	JP	Granted	Communication equipment and communication method	2006/02/22	JP33139199	1999/11/22
13PA01-022-13	KR20010015160	KR	Non-applicable	Communication device	2001/02/26	KR20000037971	2000/07/04
13PA01-022-14	US6765894	US	Granted	Communication terminal apparatus and base station apparatus	2004/07/20	US09/606906	2000/06/30
13PA01-022-15	US7656844	US	Granted	Radio transmission apparatus and radio reception apparatus in a cdma communication system	2010/02/02	US10/868029	2004/06/16
13PA01-022-16	US8437316	US	Granted	Radio transmission apparatus and radio reception apparatus in a cdma communication system	2013/05/07	US12/641177	2009/12/17
13PA01-023-01	CN1233119	CN	Granted	Wireless communication device and wireless communication method	2005/12/21	CN00119928	2000/07/03
13PA01-023-02	EP1065804	EP	Lapsed	Transmission/reception apparatus	2001/01/03	EP00113933	2000/06/30
13PA01-023-03	JP3678944	JP	Granted	Transmitter-receiver	2005/08/03	JP18952099	1999/07/02
13PA01-023-04	KR20010015127	KR	Granted	Transmitter-receiver	2001/02/26	KR20000037494	2000/07/01
13PA01-023-05	US6839335	US	Granted	Radio communication apparatus and radio communication method	2005/01/04	US09/605862	2000/06/29
13PA01-024-01	CA2316782	CA	Granted	Apparatus and method for transmission/reception	2012/08/21	CA2316782	1999/11/08
13PA01-024-02	CN1248438	CN	Granted	Transmitting / receiving device and transmitting / receiving method	2006/03/29	CN99801989	1999/11/08
13PA01-024-03	EP1043858	DE	Granted	Transmitting/receiving device and transmitting/receiving method	2011/08/17	EP99954417	1999/11/08
13PA01-	EP1043858	FR	Granted	Transmitting/receiving device	2011/08/17	EP99954417	1999/11/08

024-04				and transmitting/receiving method			
13PA01-024-05	EP1043858	GB	Granted	Transmitting/receiving device and transmitting/receiving method	2011/08/17	EP99954417	1999/11/08
13PA01-024-06	IL137058	IL	Granted	Apparatus and method for transmission/reception	2001/06/14	IL13705899	1999/11/08
13PA01-024-07	JP2000201132	JP	Lapsed	Transmitter-receiver	2000/07/18	JP22082799	1999/08/04
13PA01-024-11	KR388400	KR	Granted	Apparatus and method for transmission/reception	2003/06/09	KR2000-7007459	1999/11/08
13PA01-024-12	KR611866	KR	Granted	Apparatus and method for transmission/reception	2006/08/04	KR2003-7000348	2003/01/10
13PA01-024-08	NO332385	NO	Granted	Fremgangsmate og apparat for sending/mottaking	2012/09/10	NO20003476	2000/07/05
13PA01-024-09	US7072416	US	Granted	Transmitting/receiving device and transmitting/receiving method	2006/07/04	US09/582558	2000/06/29
13PA01-024-10	US7760815	US	Granted	Apparatus and method for transmission/reception	2010/07/20	US11/431606	2006/05/11
13PA01-025-01	CN1281009	CN	Granted	Apparatus and method for orthogonal frequency division multiplexing communication	2006/10/18	CN00126839	2000/09/06
13PA01-025-02	DE60041618	DE	Granted	MehrtrÄfÄngerempfÄfÄnger mit auswÄfÄhlbaren demodulatoren	2009/04/09	DE60041618	2000/09/06
13PA01-025-03	EP1083718	FR	Granted	Multicarrier receiver with selectable demodulators	2009/02/25	EP00119285	2000/09/06
13PA01-025-04	EP1083718	GB	Granted	Multicarrier receiver with selectable demodulators	2009/02/25	EP00119285	2000/09/06
13PA01-025-05	EP1083718	SE	Granted	Multicarrier receiver with selectable demodulators	2009/02/25	EP00119285	2000/09/06
13PA01-025-06	JP2001077790	JP	Precursor	Ofdm communication equipment	2001/03/23	JP25363399	1999/09/07
13PA01-025-07	JP3796076	JP	Granted	Ofdm communication equipment	2006/07/12	JP25363399	1999/09/07
13PA01-025-08	KR20010050345	KR	Non-applicable	Ofdm communication equipment	2001/06/15	KR20000052621	2000/09/06
13PA01-025-09	US6868056	US	Granted	Apparatus and method for ofdm communication	2005/03/15	US09/635096	2000/08/09
13PA01-026-01	CN1153392	CN	Granted	Interference signal removing device and interference signal removing method	2004/06/09	CN01800054	2001/01/15
13PA01-026-02	DE60114511	DE	Granted	Verfahren und vorrichtung zur beseitigung von stÄfÄrsignalen	2006/06/01	DE60114511	2001/01/15
13PA01-026-03	EP1164735	FR	Granted	Interference signal removing device and interference signal removing method	2005/11/02	EP01900770	2001/01/15
13PA01-026-04	EP1164735	GB	Granted	Interference signal removing device and interference signal removing method	2005/11/02	EP01900770	2001/01/15

13PA01-026-05	JP3515033	JP	Granted	Interference signal elimination device and interference signal elimination method	2004/04/05	JP2000010877	2000/01/19
13PA01-026-06	US6944208	US	Granted	Interference signal canceling apparatus and interference signal canceling method	2005/09/13	US09/936727	2001/09/17
13PA01-027-01	CN1174643	CN	Granted	Combined signalling and signal interference ratio internal ring power control	2004/11/03	CN01102993	2001/02/13
13PA01-027-02	CN1315810	CN	Lapsed	Combined signalling and signal interference ratio internal ring power control	2001/10/03	CN01102993	2001/02/13
13PA01-027-03	DE60045506	DE	Granted	Sendeleistungsregelung mittels einer inneren schleife	2011/02/24	DE60045506	2000/11/21
13PA01-027-04	EP1139580	FR	Granted	Inner-loop power control	2011/01/12	EP00310315	2000/11/21
13PA01-027-05	EP1139580	GB	Granted	Inner-loop power control	2011/01/12	EP00310315	2000/11/21
13PA01-027-06	EP1139580	IT	Granted	Inner-loop power control	2011/01/12	EP00310315	2000/11/21
13PA01-027-07	ES2358388	ES	Granted	Control de potencia de lazo interno.	2011/05/10	ES00310315	2000/11/21
13PA01-027-08	US6781973	US	Granted	Combined signaling and sir inner-loop power control	2004/08/24	US09/538888	2000/03/30
13PA01-028-01	CN1181625	CN	Granted	Communication terminal device and transmit power control method	2004/12/22	CN00802695	2000/11/27
13PA01-028-03	EP1146668	DE	EP-Designated	Communication terminal, base station system, and method of controlling transmission power	2001/10/17	EP00977949	2000/11/27
13PA01-028-02	EP1146668	EP	EP-Pending	Communication terminal, base station system, and method of controlling transmission power	2001/10/17	EP00977949	2000/11/27
13PA01-028-04	EP1146668	FR	EP-Designated	Communication terminal, base station system, and method of controlling transmission power	2001/10/17	EP00977949	2000/11/27
13PA01-028-05	EP1146668	GB	EP-Designated	Communication terminal, base station system, and method of controlling transmission power	2001/10/17	EP00977949	2000/11/27
13PA01-028-06	JP3583343	JP	Granted	Communication terminal, base station unit and transmission power control method	2004/11/04	JP2000076032	2000/03/17
13PA01-028-07	US7145886	US	Granted	Communication terminal, base station system, and method of controlling transmission power	2006/12/05	US09/889919	2001/07/25
13PA01-029-01	AU6789101	AU	Lapsed	Base station unit and method for radio communication	2002/01/14	AU6789101	2001/07/02
13PA01-029-02	CN1148895	CN	Granted	Base station unit and method for radio communication	2004/05/05	CN01801884	2001/07/02
13PA01-029-03	CN1276596	CN	Granted	Base station apparatus and radio communication method	2006/09/20	CN200410007371	2001/07/02

13PA01-029-04	DE60117263	DE	Granted	Basisstationseinheit und verfahren zur funkkommunikation	2006/07/27	DE60117263	2001/07/02
13PA01-029-05	DE60121055	DE	Granted	Basisstationsvorrichtung und funkkommunikationsverfahren zur hochgeschwindigkeitsdaten- $\frac{1}{4}$ b ertragung	2006/11/09	DE60121055	2001/07/02
13PA01-029-06	EP1209824	FR	Granted	Base station unit and method for radio communication	2006/02/15	EP01945745	2001/07/02
13PA01-029-07	EP1209824	GB	Granted	Base station unit and method for radio communication	2006/02/15	EP01945745	2001/07/02
13PA01-029-08	EP1437841	FR	Granted	Base station apparatus and radio communication method for high-speed data communication	2006/06/21	EP04003162	2001/07/02
13PA01-029-09	EP1437841	GB	Granted	Base station apparatus and radio communication method for high-speed data communication	2006/06/21	EP04003162	2001/07/02
13PA01-029-11	JP4359218	JP	Granted	Base station system and radio communication method	2009/11/04	JP2004293911	2004/10/06
13PA01-029-10	JP4409793	JP	Granted	Base station equipment and method for radio communication	2010/02/03	JP2001200184	2001/06/29
13PA01-029-12	US6847828	US	Granted	Base station apparatus and radio communication method	2005/01/25	US10/069484	2002/02/27
13PA01-029-13	US7386321	US	Granted	Base station apparatus and radio communication method	2008/06/10	US10/793738	2004/03/08
13PA01-030-01	CN1174588	CN	Granted	Grouping receiver and transmission method thereof	2004/11/03	CN02119390	2002/05/15
13PA01-030-02	DE60208466	DE	Granted	Verfahren und vorrichtung zur fehlerkorrektur der statischen informationen im kopffeld eines empfangenen packets	2006/07/13	DE60208466	2002/05/15
13PA01-030-03	EP1261184	FR	Granted	Method and device for error correction in the static header information of a received packet	2006/01/04	EP02010884	2002/05/15
13PA01-030-04	EP1261184	GB	Granted	Method and device for error correction in the static header information of a received packet	2006/01/04	EP02010884	2002/05/15
13PA01-030-05	JP3512177	JP	Granted	Packet receiver and packet transmission method	2004/03/29	JP2001146281	2001/05/16
13PA01-030-06	US7266118	US	Granted	Packet receiving apparatus and packet transmission method	2007/09/04	US10/143989	2002/05/14
13PA01-031-01	AT279085	AT	Lapsed	Funkkommunikationssystem, basisstationsgerÄt sowie ein in dem system aufgenommenes kommunikationsendgerÄt	2004/10/15	AT01999126	2001/11/27
13PA01-031-02	AT308864	AT	Lapsed	Funkkommunikationssystem, basisstation und kommunikationsendgerÄt	2005/11/15	AT03025316	2001/11/27

13PA01-031-03	AU2410802	AU	Lapsed	Radio communication system, base station device and communication terminal accommodated in the system	2002/06/11	AU2410802	2001/11/27
13PA01-031-04	CN1288939	CN	Granted	Radio communication system, base station device and communication terminal accommodated in the system	2006/12/06	CN01804070	2001/11/27
13PA01-031-05	CZ20022591	CZ	Lapsed	Wireless communication system and apparatus for a base station and communication terminal apparatus applied within the system	2003/03/12	CZ20022591	2001/11/27
13PA01-031-06	DE60106196	DE	Granted	Funkkommunikationssystem, basisstationsgerÄt sowie ein in dem system aufgenommenes kommunikationsendgerÄt	2005/02/17	DE60106196	2001/11/27
13PA01-031-07	DE60114671	DE	Granted	Funkkommunikationssystem, basisstation und kommunikationsendgerÄt	2006/04/20	DE60114671	2001/11/27
13PA01-031-13	EP1246492	FI	Granted	Radio communication system, base station device and communication terminal accommodated in the system	2004/10/06	EP01999126	2001/11/27
13PA01-031-12	EP1246492	FR	Granted	Radio communication system, base station device and communication terminal accommodated in the system	2004/10/06	EP01999126	2001/11/27
13PA01-031-11	EP1246492	GB	Granted	Radio communication system, base station device and communication terminal accommodated in the system	2004/10/06	EP01999126	2001/11/27
13PA01-031-10	EP1246492	IT	Granted	Radio communication system, base station device and communication terminal accommodated in the system	2004/10/06	EP01999126	2001/11/27
13PA01-031-09	EP1246492	NL	Granted	Radio communication system, base station device and communication terminal accommodated in the system	2004/10/06	EP01999126	2001/11/27
13PA01-031-08	EP1246492	SE	Granted	Radio communication system, base station device and communication terminal accommodated in the system	2004/10/06	EP01999126	2001/11/27
13PA01-031-14	EP1387597	FR	Granted	Radio communication system, base station and communication terminal	2005/11/02	EP03025316	2001/11/27
13PA01-031-15	EP1387597	GB	Granted	Radio communication system, base station and communication terminal	2005/11/02	EP03025316	2001/11/27
13PA01-031-16	ES2230395	ES	Granted	Sistema de radiocomunicacion que comprende un dispositivo	2005/05/01	ES01999126	2001/11/27

				de estacion base y un terminal de comunicacion.			
13PA01-031-17	JP3691383	JP	Granted	Radio communication system, base station device and communication terminal accommodated in the system	2005/09/07	JP2000363649	2000/11/29
13PA01-031-18	US7133379	US	Granted	Wireless communication system, and base station apparatus and communication terminal apparatus accommodated in the system	2006/11/07	US10/181349	2002/07/17
13PA01-032-01	AU1745202	AU	Lapsed	Radio base station apparatus and radio communication method	2002/07/01	AU1745202	2001/12/19
13PA01-032-02	BR0108503	BR	Lapsed	Aparelho de estaç�o de base sem fio e m�todo de comunica�o sem fio	2002/12/24	BR0108503	2001/12/19
13PA01-032-03	CA2400990	CA	Lapsed	Wireless base station apparatus and wireless communication method	2010/10/19	CA2400990	2001/12/19
13PA01-032-05	CN100534005	CN	Granted	Wireless base station apparatus and wireless communication method	2009/08/26	CN200510088453	2001/12/19
13PA01-032-04	CN1162989	CN	Granted	Radio base station device and radio communication method	2004/08/18	CN01805368	2001/12/19
13PA01-032-06	CZ20022827	CZ	Lapsed	Apparatus for wireless base station and wireless communication method	2003/02/12	CZ20022827	2001/12/19
13PA01-032-07	DE60117694	DE	Lapsed	Funk-basisstationsvorrichtung und funk-kommunikationsverfahren	2006/10/05	DE60117694	2001/12/19
13PA01-032-08	EP1249949	FR	Lapsed	Radio base station apparatus and radio communication method	2006/03/08	EP01271705	2001/12/19
13PA01-032-09	EP1249949	GB	Lapsed	Radio base station apparatus and radio communication method	2006/03/08	EP01271705	2001/12/19
13PA01-032-10	JP2002190757	JP	Precursor	Radio base station equipment and radio communication method	2002/07/05	JP2000389473	2000/12/21
13PA01-032-11	JP3679000	JP	Granted	Radio base station equipment and radio communication method	2005/08/03	JP2000389473	2000/12/21
13PA01-032-12	KR100567502	KR	Lapsed	Radio transmission apparatus and radio transmission method	2006/04/03	KR20057005182	2005/03/25
13PA01-032-13	US7392019	US	Granted	Wireless base station apparatus and wireless communication method	2008/06/24	US11/053837	2005/02/10
13PA01-033-01	CN1224207	CN	Granted	Method and apparatus for automatic request repeat of sending and receiving	2005/10/19	CN02142556	2002/08/22
13PA01-	DE60104113	DE	Granted	�bertragungsverfahren und	2004/10/28	DE60104113	2001/08/22

033-02				ÄfÄbertragungsgerÄfÄt mit mehrkanal-arq			
13PA01-033-03	EP1286491	FR	Granted	Multichannel arq method and apparatus	2004/06/30	EP01120182	2001/08/22
13PA01-033-04	EP1286491	GB	Granted	Multichannel arq method and apparatus	2004/06/30	EP01120182	2001/08/22
13PA01-033-05	JP3650383	JP	Granted	Transmitter, receiver and arq transmitting and receiving method	2005/05/18	JP2002241027	2002/08/21
13PA01-033-06	KR100494251	KR	Granted	Arq transmission and reception methods and apparatus	2005/06/13	KR20020049754	2002/08/22
13PA01-033-07	US7339949	US	Granted	Arq transmission and reception methods and apparatus	2008/03/04	US10/222989	2002/08/19
13PA01-034-01	CN1319307	CN	Granted	Transmission/reception apparatus and transmission/reception method	2007/05/30	CN02820398	2002/08/07
13PA01-034-02	DE60239543	DE	Granted	Sende-empfangs-vorrichtung und sende-empfangs-verfahren	2011/05/05	DE60239543	2002/08/07
13PA01-034-03	EP1422861	FR	Granted	Transmission / reception apparatus and transmission / reception method	2011/03/23	EP02755868	2002/08/07
13PA01-034-04	EP1422861	GB	Granted	Transmission / reception apparatus and transmission / reception method	2011/03/23	EP02755868	2002/08/07
13PA01-034-05	JP3880437	JP	Granted	Transmission/reception apparatus and transmission/reception method	2007/02/14	JP2002113607	2002/04/16
13PA01-034-06	US7702025	US	Granted	Transmission/reception apparatus and transmission/reception method	2010/04/20	US10/487574	2004/02/25
13PA01-035-01	CN1224293	CN	Granted	Dispatching device, base station device and wireless communication method	2005/10/19	CN02804809	2002/11/11
13PA01-035-03	EP1365617	DE	Granted	Schedule creation apparatus, base station apparatus, and radio communication method	2012/05/09	EP02780065	2002/11/11
13PA01-035-02	EP1365617	FR	Granted	Schedule creation apparatus, base station apparatus, and radio communication method	2012/05/09	EP02780065	2002/11/11
13PA01-035-04	EP1365617	GB	Granted	Schedule creation apparatus, base station apparatus, and radio communication method	2012/05/09	EP02780065	2002/11/11
13PA01-035-05	JP3576525	JP	Granted	Schedule maker, base station device, and radio communication method	2004/10/13	JP2001345444	2001/11/09
13PA01-035-06	US7460502	US	Granted	Scheduling creation apparatus, base station apparatus, and radio communication method	2008/12/02	US10/250487	2003/07/03
13PA01-036-01	CN100514895	CN	Granted	Method of data retransmission in multi-carrier transmission and communication apparatus having data retransmission	2009/07/15	CN03800915	2003/03/19

				control device			
13PA01-036-03	EP1492258	DE	EP-Designated	Method of data retransmission in multi-carrier transmission and communication apparatus having data retransmission control device	2010/08/11	EP03710414	2003/03/19
13PA01-036-02	EP1492258	EP	EP-Pending	Method of data retransmission in multi-carrier transmission and communication apparatus having data retransmission control device	2010/08/11	EP03710414	2003/03/19
13PA01-036-06	EP1492258	FI	EP-Designated	Method of data retransmission in multi-carrier transmission and communication apparatus having data retransmission control device	2010/08/11	EP03710414	2003/03/19
13PA01-036-04	EP1492258	FR	EP-Designated	Method of data retransmission in multi-carrier transmission and communication apparatus having data retransmission control device	2010/08/11	EP03710414	2003/03/19
13PA01-036-05	EP1492258	GB	EP-Designated	Method of data retransmission in multi-carrier transmission and communication apparatus having data retransmission control device	2010/08/11	EP03710414	2003/03/19
13PA01-036-07	EP1492258	SE	EP-Designated	Method of data retransmission in multi-carrier transmission and communication apparatus having data retransmission control device	2010/08/11	EP03710414	2003/03/19
13PA01-036-08	JP4287751	JP	Granted	The data retransmission method in multiple carrier transmitting and the communication device which has the data retransmission control control equipment	2009/07/01	JP2003581390	2003/03/19
13PA01-036-09	US7269774	US	Granted	Data receiving apparatus, data transmitting apparatus and retransmission request method	2007/09/11	US10/484951	2004/01/28
13PA01-037-01	CN1266982	CN	Granted	Radio communication apparatus and transfer rate decision method	2006/07/26	CN03800365	2003/02/06
13PA01-037-02	DE60314588	DE	Granted	Funkkommunikationsvorrichtung und transferratenentscheidungsverfahren	2007/10/25	DE60314588	2003/02/06
13PA01-037-03	EP1424869	FR	Granted	Radio communication apparatus and transfer rate decision method	2007/06/27	EP03705051	2003/02/06
13PA01-037-04	EP1424869	GB	Granted	Radio communication apparatus and transfer rate decision	2007/06/27	EP03705051	2003/02/06

				method			
13PA01-037-06	JP2005260992	JP	Lapsed	Wireless communication apparatus and transmission rate decision method	2005/09/22	JP2005112396	2005/04/08
13PA01-037-05	JP3686614	JP	Granted	Wireless communication apparatus and transmission rate decision method	2005/08/24	JP2002030942	2002/02/07
13PA01-037-07	US7385934	US	Granted	Radio communication apparatus and transfer rate decision method	2008/06/10	US10/476845	2003/11/06
13PA01-038-01	CN100514973	CN	Granted	Rate matching device and rate matching method	2009/07/15	CN03800419	2003/01/30
13PA01-038-02	EP1388992	EP	Lapsed	Rate matching device and rate matching method	2008/04/02	EP03734892	2003/01/30
13PA01-038-03	JP3629241	JP	Granted	Device and method for rate matching	2005/03/16	JP2002021499	2002/01/30
13PA01-038-04	US7114121	US	Granted	Rate matching device and rate matching method	2006/09/26	US10/478139	2003/11/20
13PA01-039-01	CN100502273	CN	Granted	Test device, mobile terminal device and test method	2009/06/17	CN200310102691	2003/10/29
13PA01-039-02	CN1964243	CN	Granted	Test apparatus, mobile terminal apparatus and wireless transmission property test method	2012/11/07	CN200610073263	2003/10/29
13PA01-039-04	EP1441554	CH	Granted	Test apparatus, mobile terminal apparatus and test method	2013/03/13	EP04000733	2004/01/15
13PA01-039-05	EP1441554	DE	Granted	Test apparatus, mobile terminal apparatus and test method	2013/03/13	EP04000733	2004/01/15
13PA01-039-03	EP1441554	EP	PreCursor(E P)	Test apparatus, mobile terminal apparatus and test method	2013/03/13	EP04000733	2004/01/15
13PA01-039-06	EP1441554	FR	Granted	Test apparatus, mobile terminal apparatus and test method	2013/03/13	EP04000733	2004/01/15
13PA01-039-07	EP1441554	GB	Granted	Test apparatus, mobile terminal apparatus and test method	2013/03/13	EP04000733	2004/01/15
13PA01-039-08	EP1441554	IE	Granted	Test apparatus, mobile terminal apparatus and test method	2013/03/13	EP04000733	2004/01/15
13PA01-039-09	EP1441554	LI	Granted	Test apparatus, mobile terminal apparatus and test method	2013/03/13	EP04000733	2004/01/15
13PA01-039-10	EP1441554	LU	Granted	Test apparatus, mobile terminal apparatus and test method	2013/03/13	EP04000733	2004/01/15
13PA01-039-11	EP1441554	MC	Granted	Test apparatus, mobile terminal apparatus and test method	2013/03/13	EP04000733	2004/01/15
13PA01-039-12	JP2004228762	JP	Lapsed	Test apparatus, mobile terminal apparatus and test method	2004/08/12	JP2003012312	2003/01/21
13PA01-039-13	KR20040067911	KR	Lapsed	Testing device, mobile terminal and testing method, particularly for testing radio transmission characteristics with certain transmission power	2004/07/30	KR20040002903	2004/01/15
13PA01-039-14	US7162206	US	Granted	Test apparatus, mobile terminal apparatus, test method	2007/01/09	US10/612289	2003/07/03

13PA01-040-01	DE60332146	DE	Granted	Sendervorrichtung und sendeverfahren	2010/05/27	DE60332146	2003/11/13
13PA01-040-02	EP1564920	FR	Granted	Transmitter apparatus and transmitting method	2010/04/14	EP03774003	2003/11/13
13PA01-040-03	EP1564920	GB	Granted	Transmitter apparatus and transmitting method	2010/04/14	EP03774003	2003/11/13
13PA01-040-04	JP3796211	JP	Granted	Transmitter and transmitting method	2006/07/12	JP2002333448	2002/11/18
13PA01-040-05	JP4163937	JP	Granted	Ofdm-cdma transmitter and ofdm-cdma transmission method	2008/10/08	JP2002355079	2002/12/06
13PA01-040-06	US7746762	US	Granted	Transmitting apparatus and transmitting method	2010/06/29	US10/534987	2005/05/16
13PA01-041-01	CN1692592	CN	Granted	Cdma transmitting apparatus and cdma receiving apparatus	2010/07/14	CN200380100629	2003/11/14
13PA01-041-02	DE60325751	DE	Granted	Cdma mimo system	2009/02/26	DE60325751	2003/11/14
13PA01-041-03	EP1551124	FR	Granted	Cdma mimo system	2009/01/07	EP03772765	2003/11/14
13PA01-041-04	EP1551124	GB	Granted	Cdma mimo system	2009/01/07	EP03772765	2003/11/14
13PA01-041-05	JP3583414	JP	Granted	Code division multiple access transmitter and code division multiple access receiver	2004/11/04	JP2002330453	2002/11/14
13PA01-041-06	US7693140	US	Granted	Cdma transmitting apparatus and cdma receiving apparatus	2010/04/06	US10/527199	2005/03/10
13PA01-042-01	CN1714519	CN	Granted	Radio reception device and radio reception method	2011/05/04	CN200380103837	2003/11/26
13PA01-042-02	EP1569362	DE	Granted	Radio reception device and radio reception method	2011/10/26	EP03775882	2003/11/26
13PA01-042-03	EP1569362	FR	Granted	Radio reception device and radio reception method	2011/10/26	EP03775882	2003/11/26
13PA01-042-04	EP1569362	GB	Granted	Radio reception device and radio reception method	2011/10/26	EP03775882	2003/11/26
13PA01-042-05	JP3629261	JP	Granted	Apparatus and method for radio reception	2005/03/16	JP2002341741	2002/11/26
13PA01-042-07	US20080020802	US	Lapsed	Wireless receiver and wireless reception method	2008/01/24	US11/859550	2007/09/21
13PA01-042-06	US7299027	US	Granted	Mimo receiver and mimo reception method for selection of mimo separation and channel variation compensation	2007/11/20	US10/536010	2005/05/23
13PA01-043-01	CN101019360	CN	Granted	Automatic retransmission request control system and method in mimo-ofdm system	2012/06/13	CN200480043975	2004/09/13
13PA01-043-03	EP1788742	DE	Granted	Automatic retransmission request control system and retransmission method in mimo-ofdm system	2007/05/23	EP04772990	2004/09/13
13PA01-043-02	EP1788742	EP	PreCursor(E P)	Automatic retransmission request control system and retransmission method in	2007/05/23	EP04772990	2004/09/13

				mimo-ofdm system			
13PA01-043-04	EP1788742	FR	Granted	Automatic retransmission request control system and retransmission method in mimo-ofdm system	2007/05/23	EP04772990	2004/09/13
13PA01-043-05	EP1788742	GB	Granted	Automatic retransmission request control system and retransmission method in mimo-ofdm system	2007/05/23	EP04772990	2004/09/13
13PA01-043-06	EP2518920	EP	Lapsed	Automatic retransmission request control system and retransmission method in mimo-ofdm system	2012/10/31	EP12173393	2004/09/13
13PA01-043-07	EP2518921	EP	Lapsed	Automatic retransmission request (arq) control system and retransmission method in mimo-ofdm system	2012/10/31	EP12173394	2004/09/13
13PA01-043-08	JP4384668	JP	Granted	The automatic request for repetition control system and the retransmission method in the mimo-ofdm system	2009/12/16	JP2006534962	2004/09/13
13PA01-043-09c2	US14/321117	US	Pending	Automatic retransmission request control system and retransmission method in memo-ofdm system		US14/321117	2014/07/01
13PA01-043-09c1	US14/321185	US	Pending	Automatic retransmission request control system and retransmission method in memo-ofdm system		US14/321185	2014/07/01
13PA01-043-10	US20120230257	US	Lapsed	Retransmission method and transmitter	2012/09/13	US13/478996	2012/05/23
13PA01-043-11	US20120263250	US	Lapsed	Retransmission method, transmitter, and communication system	2012/10/18	US13/532576	2012/06/25
13PA01-043-12	US20120287775	US	Pending	Automatic retransmission request control system and retransmission method in mimo-ofdm system	2012/11/15	US13/554748	2012/07/20
13PA01-043-09	US8775890	US	Granted	Automatic retransmission request control system and retransmission method in memo-ofdm system	2007/11/01	US11/575015	2007/03/30
13PA01-044-01	CN100578989	CN	Granted	Cdma transmitting apparatus, base station device usinsg the same and cdma transmitting method	2010/01/06	CN200480000627	2004/04/28
13PA01-044-03	EP1630993	DE	EP-Designated	Cdma transmitting apparatus and cdma transmitting method	2006/03/01	EP04730067	2004/04/28
13PA01-044-02	EP1630993	EP	EP-Pending	Cdma transmitting apparatus and cdma transmitting method	2006/03/01	EP04730067	2004/04/28
13PA01-044-07	EP1630993	FI	EP-Designated	Cdma transmitting apparatus and cdma transmitting method	2006/03/01	EP04730067	2004/04/28

13PA01-044-04	EP1630993	FR	EP-Designated	Cdma transmitting apparatus and cdma transmitting method	2006/03/01	EP04730067	2004/04/28
13PA01-044-05	EP1630993	GB	EP-Designated	Cdma transmitting apparatus and cdma transmitting method	2006/03/01	EP04730067	2004/04/28
13PA01-044-06	EP1630993	SE	EP-Designated	Cdma transmitting apparatus and cdma transmitting method	2006/03/01	EP04730067	2004/04/28
13PA01-044-08	JP3799030	JP	Granted	Device and method for cdma transmission	2006/07/19	JP2003132133	2003/05/09
13PA01-044-09	US7251469	US	Granted	Cdma transmitting apparatus and cdma transmitting method	2007/07/31	US10/522980	2005/02/02
13PA01-044-10	US7764711	US	Granted	Cdma transmission apparatus and cdma transmission method	2010/07/27	US11/767124	2007/06/22
13PA01-045-02	CN100591000	CN	Granted	Classifying-synthesizing transmission method of multi-user feedback information at base station	2010/02/17	CN200580029870	2005/09/05
13PA01-045-03	CN101015161	CN	Granted	Classifying-synthesizing transmission method of multi-user feedback information at base station	2007/08/08	CN200580029870	2005/09/05
13PA01-045-01	CN1747568	CN	Lapsed	Method for base station to transmitting feedback data of multiple clients by sorted combinations	2006/03/15	CN200410068800	2004/09/06
13PA01-045-04	EP1777855	EP	Lapsed	Classifying-synthesizing transmission method of multi-user feedback information at base station	2007/04/25	EP05777044	2005/09/05
13PA01-045-05	JP4675904	JP	Granted	Taxonomic synthetic transmission method of feedback information multi user in base station	2011/04/27	JP2006535743	2005/09/05
13PA01-045-06	US20070254715	US	Precursor	Classifying-synthesizing transmission method of multi-user feedback information at base station	2007/11/01	US11/574636	2005/09/06
13PA01-045-07	US8086270	US	Granted	Classifying-synthesizing transmission method of multi-user feedback information at base station	2011/12/27	US11/574636	2005/09/05
13PA01-046-02	EP1811700	DE	EP-Designated	Communication apparatus, communication system, and communication method	2007/07/25	EP05807089	2005/11/18
13PA01-046-01	EP1811700	EP	EP-Pending	Communication apparatus, communication system, and communication method	2007/07/25	EP05807089	2005/11/18
13PA01-046-03	EP1811700	FR	EP-Designated	Communication apparatus, communication system, and communication method	2007/07/25	EP05807089	2005/11/18
13PA01-046-04	EP1811700	GB	EP-Designated	Communication apparatus, communication system, and communication method	2007/07/25	EP05807089	2005/11/18

13PA01-046-05	JP4838144	JP	Granted	Communication device, communication system and communication method	2011/12/14	JP2006545166	2005/11/18
13PA01-046-06	US7848439	US	Granted	Communication apparatus, communication system, and communication method	2010/12/07	US11/719611	2005/11/18
13PA01-047-01	BRPI0515242	BR	Pending	Método para a comunicação das informações que estão relacionadas com a transmissão de dados de ligação superior, sistema de comunicação móvel, esta base em um sistema de comunicação móvel, controlador de rede de rádio em um sistema de c	2008/07/15	BRPI0515242	2005/08/31
13PA01-047-02	CN101053272	CN	Granted	Efficient rise over thermal (rot) control during soft handover	2012/05/23	CN200580037780	2005/08/31
13PA01-047-03	DE602004008068	DE	Granted	Effiziente "rise over thermal (rot)" steuerung während eines sanften weiterreichens	2007/11/22	DE602004008068	2004/08/31
13PA01-047-04	DE602004021447	DE	Granted	Effiziente rise-over-thermal-steuerung während eines sanften handovers	2009/07/16	DE602004021447	2004/08/31
13PA01-047-08	EP1631104	FI	Granted	Efficient rise over thermal (rot) control during soft handover	2007/08/08	EP04020647	2004/08/31
13PA01-047-05	EP1631104	FR	Granted	Efficient rise over thermal (rot) control during soft handover	2007/08/08	EP04020647	2004/08/31
13PA01-047-07	EP1631104	GB	Granted	Efficient rise over thermal (rot) control during soft handover	2007/08/08	EP04020647	2004/08/31
13PA01-047-09	EP1631104	IT	Granted	Efficient rise over thermal (rot) control during soft handover	2007/08/08	EP04020647	2004/08/31
13PA01-047-06	EP1631104	SE	Granted	Efficient rise over thermal (rot) control during soft handover	2007/08/08	EP04020647	2004/08/31
13PA01-047-13	EP1838125	FI	Granted	Efficient rise over thermal (rot) control during soft handover	2009/06/03	EP07011278	2004/08/31
13PA01-047-10	EP1838125	FR	Granted	Efficient rise over thermal (rot) control during soft handover	2009/06/03	EP07011278	2004/08/31
13PA01-047-12	EP1838125	GB	Granted	Efficient rise over thermal (rot) control during soft handover	2009/06/03	EP07011278	2004/08/31
13PA01-047-14	EP1838125	IT	Granted	Efficient rise over thermal (rot) control during soft handover	2009/06/03	EP07011278	2004/08/31
13PA01-047-11	EP1838125	SE	Granted	Efficient rise over thermal (rot) control during soft handover	2009/06/03	EP07011278	2004/08/31
13PA01-047-15	ES2291786	ES	Granted	Control eficaz del aumento de sobreexplotacion termica (rot) durante una transferencia flexible.	2008/03/01	ES04020647	2004/08/31
13PA01-047-16	ES2327008	ES	Granted	Control eficiente del rot durante transferencia blanda.	2009/10/22	ES07011278	2004/08/31

13PA01-047-20	IN200700601P2	IN	Granted	Efficient rise over thermal (rot) control during soft handover	2007/07/06	IN601/KOLNP/2007	2007/02/19
13PA01-047-17	JP2007151146	JP	Lapsed	Method for communicating information relating to scheduling of uplink data transmissions, mobile communication system, base station, wireless network controller, and mobile terminal	2007/06/14	JP2006348525	2006/12/25
13PA01-047-18	JP4041531	JP	Granted	The method of communicating the information which it is related to the scheduling of uplink data transmission, the portable communication system, base station, the radio network controller, and the portable terminal	2008/01/30	JP2007512130	2005/08/31
13PA01-047-19	KR20070051353	KR	Lapsed	Efficient rise over thermal(rot) control during soft handover	2007/05/17	KR20077007354	2007/03/30
13PA01-047-21	US8175604	US	Granted	Efficient rise over thermal (rot) control during soft handover	2012/05/08	US10/588073	2005/08/31
13PA01-048-01	CN101103575	CN	Granted	Multi-antenna communication method and multi-antenna communication device	2012/02/01	CN200680002338	2006/01/10
13PA01-048-02	JP4769201	JP	Granted	Multiple antenna communication method and multiple antenna communication device	2011/09/07	JP2006552910	2006/01/10
13PA01-048-03	US7860184	US	Granted	Multi-antenna communication method and multi-antenna communication apparatus	2010/12/28	US11/813650	2006/01/10
13PA01-049-01	CN101283535	CN	Granted	Method for generating and detecting multiple pilot frequencies in multi-antenna communication system	2012/04/04	CN200680037602	2006/11/22
13PA01-049-02	EP1940067	EP	Lapsed	Multi-pilot generation method and detection method in multi-antenna communication system	2008/07/02	EP06823520	2006/11/22
13PA01-049-03	JP4981682	JP	Granted	Multiple pilot formation method and the method of detection in the multiple antenna communication system	2012/07/25	JP2007546481	2006/11/22
13PA01-049-04	US8073070	US	Granted	Multi-pilot generation method and detection method in multi-antenna communication system	2011/12/06	US12/092944	2006/11/22
13PA01-050-01	CN101151832	CN	Lapsed	Communication terminal, base station, and receiving method	2008/03/26	CN200680010719	2006/03/03
13PA01-050-02	EP1855406	EP	Lapsed	Communication terminal, base station, and receiving method	2007/11/14	EP06715227	2006/03/03
13PA01-050-03	JP4914352	JP	Granted	Communication terminal unit and base station device	2012/04/11	JP2007521121	2006/03/03
13PA01-	US8249132	US	Granted	Communication terminal and	2012/08/21	US11/909425	2006/03/03

050-04				receiving method			
13PA01-051-01	CN101411240	CN	Granted	Uplink resource allocation in a mobile communication system	2011/05/25	CN200680054042	2006/11/02
13PA01-051-02	CN102202414	CN	Granted	Uplink resource allocation in a mobile communication system	2011/09/28	CN201110084678	2006/11/02
13PA01-051-04	EP1816883	DE	EP-Designated	Uplink resource allocation in a mobile communication system	2007/08/08	EP06002248	2006/02/03
13PA01-051-03	EP1816883	EP	EP-Pending	Uplink resource allocation in a mobile communication system	2007/08/08	EP06002248	2006/02/03
13PA01-051-07	EP1816883	FI	EP-Designated	Uplink resource allocation in a mobile communication system	2007/08/08	EP06002248	2006/02/03
13PA01-051-05	EP1816883	FR	EP-Designated	Uplink resource allocation in a mobile communication system	2007/08/08	EP06002248	2006/02/03
13PA01-051-06	EP1816883	GB	EP-Designated	Uplink resource allocation in a mobile communication system	2007/08/08	EP06002248	2006/02/03
13PA01-051-08	EP1816883	SE	EP-Designated	Uplink resource allocation in a mobile communication system	2007/08/08	EP06002248	2006/02/03
13PA01-051-10	JP2012157036	JP	Granted	Uplink resource allocation in mobile communication system	2012/08/16	JP2012060156	2012/03/16
13PA01-051-11	JP2012213206	JP	Precursor	Uplink resource allocation in mobile communication system	2012/11/01	JP2012132803	2012/06/12
13PA01-051-09	JP5020263	JP	Granted	Allotment of the uplink resource in the portable communication system	2012/09/05	JP2008552689	2006/11/02
13PA01-051-12	JP5059982	JP	Granted	Uplink resource allocation in mobile communication system	2012/10/31	JP2012132803	2012/06/12
13PA01-051-13	US8576784	US	Granted	Uplink resource allocation in a mobile communication system	2009/05/07	US12/162592	2006/11/02
13PA01-052-02	EP2061170	DE	EP-Designated	Ofdm transmitter and ofdm receiver	2009/05/20	EP06783262	2006/09/11
13PA01-052-01	EP2061170	EP	EP-Pending	Ofdm transmitter and ofdm receiver	2009/05/20	EP06783262	2006/09/11
13PA01-052-03	EP2061170	FR	EP-Designated	Ofdm transmitter and ofdm receiver	2009/05/20	EP06783262	2006/09/11
13PA01-052-04	EP2061170	GB	EP-Designated	Ofdm transmitter and ofdm receiver	2009/05/20	EP06783262	2006/09/11
13PA01-052-05	JP4654298	JP	Granted	Ofdm transmitting device and ofdm receiving device	2011/03/16	JP2008534161	2006/09/11
13PA01-052-06	US8218681	US	Granted	Ofdm transmitter and ofdm receiver	2012/07/10	US12/440894	2009/03/11
13PA01-052-06r	US14/328576	US	Reissuing	Ofdm transmitter and ofdm receiver		US14/328576	2014/07/10
13PA01-053-01	CN101636946	CN	Lapsed	Multicarrier transmitter and multicarrier receiver	2010/01/27	CN200780052347	2007/05/25
13PA01-053-02	EP2151933	EP	Lapsed	Multicarrier transmitter and multicarrier receiver	2010/02/10	EP07744158	2007/05/25
13PA01-053-03	JP5009982	JP	Granted	Multiple carrier transmitting device	2012/08/29	JP2009516088	2007/05/25
13PA01-053-04	US8249178	US	Granted	Multicarrier transmitter and multicarrier receiver	2012/08/21	US12/601804	2007/05/25
13PA01-	CA2127616	CA	Granted	Mobile communication unit	1999/02/09	CA2127616	1994/07/07

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13PA01-054-03	CN1074875	CN	Granted	Mobile communication unit	2001/11/14	CN94108731	1994/07/16
13PA01-054-02	CN1128555	CN	Granted	Mobile communication unit and method	2003/11/19	CN00135098	2000/12/11
13PA01-054-04	KR0126874	KR	Granted	Mobile communication system	1998/04/01	KR19940017210	1994/07/16
13PA01-054-05	US5583851	US	Granted	Mobile communication apparatus having multi-codes allocating function	1996/12/10	US08/272158	1994/07/08
13PA01-055-01	CA2127672	CA	Granted	Mobile radio system	2000/02/01	CA2127672	1994/07/08
13PA01-055-02	CN1068164	CN	Granted	Mobile radio system	2001/07/04	CN94107859	1994/07/15
13PA01-055-03	JP2942977	JP	Granted	Mobile communication equipment	1999/08/30	JP19901893	1993/07/16
13PA01-055-04	KR960016641	KR	Granted	Mobile communication equipment	1996/12/19	KR19940017085	1994/07/15
13PA01-055-05	US5873027	US	Granted	Mobile radio system with control over radio wave output if a malfunction is detected	1999/02/16	US08/761552	1996/12/06
13PA01-055-06	US6336040	US	Granted	Mobile radio system with control over radio wave output if a malfunction is detected	2002/01/01	US09/207662	1998/12/09
13PA01-056-01	DE69534524	DE	Granted	Verfahren und gerÄt zur synchronisierung in einem direktsequenzspreizspektrumkommunikationssystem	2005/11/24	DE69534524	1995/08/16
13PA01-056-02	EP0701333	FR	Granted	Synchronisation method and apparatus for a direct sequence spread spectrum communications system	2005/10/19	EP95305717	1995/08/16
13PA01-056-03	EP0701333	GB	Granted	Synchronisation method and apparatus for a direct sequence spread spectrum communications system	2005/10/19	EP95305717	1995/08/16
13PA01-056-04	JP3142222	JP	Granted	Synchronization method and device for spread spectrum communication	2001/03/07	JP13494595	1995/06/01
13PA01-056-05	US5757870	US	Granted	Spread spectrum communication synchronizing method and its circuit	1998/05/26	US08/517408	1995/08/21
13PA01-056-06	US5818869	US	Granted	Spread spectrum communication synchronizing method and its circuit	1998/10/06	US08/858146	1997/05/15
13PA01-057-01	JP2863993	JP	Granted	Cdma radio multiplex sender and cdma radio multiplex transmitter	1999/03/03	JP15585595	1995/06/22
13PA01-057-02	US6175558	US	Granted	Cdma radio multiplex transmitting device and a cdma radio multiplex receiving device	2001/01/16	US09/000947	1997/12/30

13PA01-057-03	US6301237	US	Granted	Cdma radio multiplex transmitting device and a cdma radio multiplex receiving device	2001/10/09	US09/562921	2000/05/02
13PA01-057-05	US6370131	US	Granted	Cdma radio multiplex transmitting device and a cdma radio multiplex receiving device	2002/04/09	US09/576250	2000/05/24
13PA01-057-04	US6529492	US	Granted	Cdma radio multiplex transmitting device and a cdma radio multiplex receiving device	2003/03/04	US09/562922	2000/05/02
13PA01-057-07	US6549526	US	Granted	Cdma radio multiplex transmitting device and a cdma multiplex receiving device	2003/04/15	US09/826005	2001/04/05
13PA01-057-06	US6584088	US	Granted	Cdma radio multiplex transmitting device and cdma radio multiplex receiving device	2003/06/24	US09/825998	2001/04/05
13PA01-057-08	US7136367	US	Granted	Cdma radio multiplex transmitting device and a cdma radio multiplex receiving device	2006/11/14	US10/335916	2003/01/03
13PA01-057-09	USRE41444	US	Granted	Cdma radio multiplex transmitting device and a cdma radio multiplex receiving device	2010/07/20	US12/270499	2008/11/13
13PA01-058-01	CA2246168	CA	Granted	Pn code generating apparatus and mobile radio communication system	2002/11/19	CA2246168	1998/08/31
13PA01-058-02	CA2246168A1	CA	Precursor	Pn code generating apparatus and mobile radio communication system	1999/03/02	CA2246168	1998/08/31
13PA01-058-03	CN100379299	CN	Granted	Pn code producing method and device	2008/04/02	CN02127365	1998/08/27
13PA01-058-04	CN1094019	CN	Granted	Pn code generating device and mobile radio communication system	2002/11/06	CN98118564	1998/08/27
13PA01-058-05	DE69838572	DE	Granted	Pn-kodegenerator	2007/11/29	DE69838572	1998/08/27
13PA01-058-12	EP0901236	FI	Granted	Pn code generator	2007/10/17	EP98116233	1998/08/27
13PA01-058-13	EP0901236	FR	Granted	Pn code generator	2007/10/17	EP98116233	1998/08/27
13PA01-058-14	EP0901236	GB	Granted	Pn code generator	2007/10/17	EP98116233	1998/08/27
13PA01-058-15	EP0901236	SE	Granted	Pn code generator	2007/10/17	EP98116233	1998/08/27
13PA01-058-07	EP1835617	DE	EP-Designated	Pn code generation apparatus and method thereof	2007/10/31	EP07108762	1998/08/27
13PA01-058-06	EP1835617	EP	EP-Pending	Pn code generation apparatus and method thereof	2007/10/31	EP07108762	1998/08/27
13PA01-058-10	EP1835617	FI	EP-Designated	Pn code generation apparatus and method thereof	2007/10/31	EP07108762	1998/08/27
13PA01-058-08	EP1835617	FR	EP-Designated	Pn code generation apparatus and method thereof	2007/10/31	EP07108762	1998/08/27

13PA01-058-09	EP1835617	GB	EP-Designated	Pn code generation apparatus and method thereof	2007/10/31	EP07108762	1998/08/27
13PA01-058-11	EP1835617	SE	EP-Designated	Pn code generation apparatus and method thereof	2007/10/31	EP07108762	1998/08/27
13PA01-058-16	JP3329705	JP	Granted	Pn code generator and mobile radio communication system	2002/09/30	JP25287297	1997/09/02
13PA01-058-17	US6295301	US	Granted	Pn code generating apparatus and mobile radio communication system	2001/09/25	US09/139325	1998/08/25
13PA01-058-18	US6697384	US	Granted	Method and apparatus for calculating a state of starting a pn code generating operation	2004/02/24	US09/916284	2001/07/30
13PA01-059-01	AU8243498	AU	Lapsed	Cdma mobile station and cdma transmission method	1999/02/10	AU8243498	1998/07/16
13PA01-059-02	CA2266104	CA	Granted	Cdma mobile station and cdma transmission method	2003/09/30	CA2266104	1998/07/16
13PA01-059-03	CA2429736	CA	Lapsed	Cdma mobile station apparatus and cdma transmission method	1999/01/28	CA2429736	1998/07/16
13PA01-059-04	CN100442686	CN	Granted	Cdma mobile station equipment and cdma transmitting method	2008/12/10	CN03108352	1998/07/16
13PA01-059-05	CN1109476	CN	Granted	Cdma mobile station apparatus and cdma transmission method	2003/05/21	CN98801017	1998/07/16
13PA01-059-06	DE69831726	DE	Granted	Cdma mobile station und cdma Äœbertragungsverfahren	2006/02/09	DE69831726	1998/07/16
13PA01-059-07	EP0936831	FR	Granted	Cdma mobile station and cdma transmission method	2005/09/28	EP98932553	1998/07/16
13PA01-059-08	EP0936831	GB	Granted	Cdma mobile station and cdma transmission method	2005/09/28	EP98932553	1998/07/16
13PA01-059-09	EP0936831	IT	Granted	Cdma mobile station and cdma transmission method	2005/09/28	EP98932553	1998/07/16
13PA01-059-10	EP0936831	NL	Granted	Cdma mobile station and cdma transmission method	2005/09/28	EP98932553	1998/07/16
13PA01-059-11	ES2251091	ES	Granted	Estacion movil cdma y procedimiento de transmision cdma.	2006/04/16	ES98932553	1998/07/16
13PA01-059-12	JP3655057	JP	Granted	Cdma mobile transmitting device and transmitting method using the device	2005/06/02	JP20964297	1997/07/19
13PA01-059-14	US20030007472	US	Lapsed	Cdma mobile station apparatus and cdma transmission method	2003/01/09	US10/235918	2002/09/06
13PA01-059-13	US6466563	US	Granted	Cdma mobile station and cdma transmission method	2002/10/15	US09/147831	1999/03/16
13PA01-060-02	CN100353693	CN	Granted	Cdma radio communication apparatus	2007/12/05	CN200410059002	1998/07/17
13PA01-060-03	CN1113497	CN	Granted	Radio communication terminal apparatus	2003/07/02	CN98116336	1998/07/17
13PA01-060-01	CN1167219	CN	Granted	Cdma radio communication equipment	2004/09/15	CN02102800	1998/07/17
13PA01-060-04	DE69825370	DE	Granted	Cdma funknachrichtenÄ¼bertragungsgert	2004/09/09	DE69825370	1998/07/15

13PA01-060-05	DE69839197	DE	Granted	Synchronisationsverfahren in einem kodemultiplexvielfachzugriffssystem	2008/04/10	DE69839197	1998/07/15
13PA01-060-15	EP0892503	FR	Granted	Cdma radio communication apparatus	2005/01/05	EP98113191	1998/07/15
13PA01-060-16	EP0892503	GB	Granted	Cdma radio communication apparatus	2005/01/05	EP98113191	1998/07/15
13PA01-060-17	EP0892503	IT	Granted	Cdma radio communication apparatus	2005/01/05	EP98113191	1998/07/15
13PA01-060-06	EP1447918	FR	Granted	A synchronization method for a cdma system	2008/02/27	EP04012123	1998/07/15
13PA01-060-07	EP1447918	GB	Granted	A synchronization method for a cdma system	2008/02/27	EP04012123	1998/07/15
13PA01-060-08	EP1447918	IT	Granted	A synchronization method for a cdma system	2008/02/27	EP04012123	1998/07/15
13PA01-060-10	EP1914904	DE	EP-Designated	A cdma radio communication system and a transmission apparatus for such a system	2008/04/23	EP08100709 (DE69843248)	1998/07/15
13PA01-060-09	EP1914904	EP	EP-Pending	A cdma radio communication system and a transmission apparatus for such a system	2008/04/23	EP08100709	1998/07/15
13PA01-060-13	EP1914904	ES	EP-Designated	A cdma radio communication system and a transmission apparatus for such a system	2008/04/23	EP08100709	1998/07/15
13PA01-060-11	EP1914904	FR	EP-Designated	A cdma radio communication system and a transmission apparatus for such a system	2008/04/23	EP08100709	1998/07/15
13PA01-060-12	EP1914904	GB	EP-Designated	A cdma radio communication system and a transmission apparatus for such a system	2008/04/23	EP08100709	1998/07/15
13PA01-060-14	EP1914904	IT	EP-Designated	A cdma radio communication system and a transmission apparatus for such a system	2008/04/23	EP08100709	1998/07/15
13PA01-060-19	ES2226037	ES	Granted	Aparato de comunicacion por radio cdma.	2005/03/16	ES98113191	1998/07/15
13PA01-060-18	ES2301896	ES	Granted	Procedimiento de sincronizacion para un sistema cdma.	2008/07/01	ES04012123	1998/07/15
13PA01-060-20	US6370134	US	Granted	Cdma radio communication apparatus	2002/04/09	US09/115502	1998/07/15
13PA01-060-21	US7035233	US	Granted	Radio communication terminal apparatus and radio communication base station apparatus	2006/04/25	US10/014352	2001/12/14
13PA01-060-22	US7535864	US	Granted	Radio communication terminal apparatus and radio communication base station apparatus	2009/05/19	US11/372152	2006/03/10
13PA01-061-01	CA2127606	CA	Granted	Code-division multiple-access mobile telephone system	2001/12/18	CA2127606	1994/07/07
13PA01-061-02	CN1075911	CN	Granted	Automobile on-board and/or portable telephone system	2001/12/05	CN94108729	1994/07/16

13PA01-061-03	CN1102022	CN	Granted	Automobile on-board and/or portable telephone system	1995/04/26	CN94108729	1994/07/16
13PA01-061-04	JP2863975	JP	Granted	Automobile-portable telephone system	1999/03/03	JP19901393	1993/07/16
13PA01-061-05	KR0126628	KR	Granted	Mobile communications system	1998/04/03	KR19940017209	1994/07/16
13PA01-061-06	US5677929	US	Reissue-Surrendered	Automobile on-board and/or portable telephone system	1997/10/14	US08/272156	1994/07/08
13PA01-061-07	USRE37420	US	Granted	Automobile on-board and/or portable telephone system	2001/10/23	US09/337403	1999/06/21
13PA01-061-08	USRE39954	US	Granted	Automobile on-board and/or portable telephone system	2007/12/25	US09/887042	2001/06/25
13PA01-062-02	CN100364247	CN	Granted	Method for controlling transmission power	2008/01/23	CN200410045794	2001/06/25
13PA01-062-01	CN1158790	CN	Granted	Communication terminal apparatus	2004/07/21	CN01802160	2001/06/25
13PA01-062-03	DE60110020	DE	Granted	KommunikationsendgerÄt	2005/09/08	DE60110020	2001/06/25
13PA01-062-04	DE60116907	DE	Granted	KommunikationsendgerÄt	2006/07/20	DE60116907	2001/06/25
13PA01-062-11	DE60147140	DE	Granted	Communication terminal apparatus	2012/09/19	EP05025574	2001/06/25
13PA01-062-05	EP1204225	FR	Granted	Communication terminal apparatus	2005/04/13	EP01941209	2001/06/25
13PA01-062-06	EP1204225	GB	Granted	Communication terminal apparatus	2005/04/13	EP01941209	2001/06/25
13PA01-062-07	EP1523111	FR	Granted	Communication terminal apparatus	2006/01/25	EP05000430	2001/06/25
13PA01-062-08	EP1523111	GB	Granted	Communication terminal apparatus	2006/01/25	EP05000430	2001/06/25
13PA01-062-09	EP1630972	FR	Granted	Communication terminal apparatus	2012/09/19	EP05025574	2001/06/25
13PA01-062-10	EP1630972	GB	Granted	Communication terminal apparatus	2012/09/19	EP05025574	2001/06/25
13PA01-062-14	JP2003298510	JP	Lapsed	Method for controlling transmission power	2003/10/17	JP2003064021	2003/03/10
13PA01-062-12	JP3426194	JP	Granted	Base station device, communication terminal device, and communication method	2003/07/14	JP2000231256	2000/07/31
13PA01-062-15	JP4431189	JP	Granted	Radio communication device, radio communication method, and radio communication system	2010/03/10	JP2009197228	2009/08/27
13PA01-062-16	JP4431190	JP	Granted	Radio communication device, radio communication method, and radio communication system	2010/03/10	JP2009197229	2009/08/27
13PA01-062-17	JP4431191	JP	Granted	Radio communication system and radio communication method	2010/03/10	JP2009197230	2009/08/27
13PA01-062-13	JP4511783	JP	Granted	Base station equipment, communication terminal unit,	2010/07/28	JP2002367259	2002/12/18

				and communication method			
13PA01-062-19	US20030087644	US	Lapsed	Communication terminal apparatus and base station apparatus	2003/05/08	US10/322425	2002/12/19
13PA01-062-20	US20060121930	US	Precursor	Communication terminal apparatus and base station apparatus	2006/06/08	US11/341430	2006/01/30
13PA01-062-22	US20080261545	US	Precursor	Communication terminal apparatus and base station apparatus	2008/10/23	US12/132992	2008/06/04
13PA01-062-18	US6738646	US	Granted	Base station device and method for communication	2004/05/18	US10/069267	2002/02/25
13PA01-062-21	US7460880	US	Granted	Communication terminal apparatus and base station apparatus	2008/12/02	US11/341430	2006/01/30
13PA01-062-23	US7761113	US	Granted	Communication terminal apparatus and base station apparatus	2010/07/20	US12/132992	2008/06/04
13PA01-063-01	AU7769801	AU	Lapsed	Communication terminal, base station device, and radio communication method	2002/02/18	AU2001277698	2001/08/02
13PA01-063-02	CN100469169	CN	Granted	Communication terminal device and radio communication method	2009/03/11	CN01802181	2001/08/02
13PA01-063-03	CN1386388	CN	Granted	Communication terminal, base station device, and radio communication method	2002/12/18	CN01802181	2001/08/02
13PA01-063-04	DE60134208	DE	Granted	Nkkommunikationsverfahren	2008/07/10	DE60134208	2001/08/02
13PA01-063-05	EP1217861	FR	Granted	Communication terminal, base station device, and radio communication method	2008/05/28	EP01955557	2001/08/02
13PA01-063-06	EP1217861	GB	Granted	Communication terminal, base station device, and radio communication method	2008/05/28	EP01955557	2001/08/02
13PA01-063-08	EP1976141	DE	EP-Designated	Communication terminal apparatus, base station apparatus, and radio communication method	2008/10/01	EP08004604	2001/08/02
13PA01-063-07	EP1976141	EP	EP-Pending	Communication terminal apparatus, base station apparatus, and radio communication method	2008/10/01	EP08004604	2001/08/02
13PA01-063-09	EP1976141	FR	EP-Designated	Communication terminal apparatus, base station apparatus, and radio communication method	2008/10/01	EP08004604	2001/08/02
13PA01-063-10	EP1976141	GB	EP-Designated	Communication terminal apparatus, base station apparatus, and radio communication method	2008/10/01	EP08004604	2001/08/02

13PA01-063-13	JP2003224516	JP	Granted	Communication terminal apparatus, base station apparatus and radio communication method	2003/08/08	JP2002367213	2002/12/18
13PA01-063-12	JP2003224888	JP	Non-applicable	Communication terminal	2003/08/08	JP2002367212	2002/12/18
13PA01-063-14	JP2009284537	JP	Granted	Transmission method, receiving method, and radio communication method	2009/12/03	JP2009197375	2009/08/27
13PA01-063-11	JP3426200	JP	Granted	Communication terminal device, base station device and radio communication method	2003/07/14	JP2000285405	2000/09/20
13PA01-063-15	JP4536821	JP	Granted	Transmission apparatus, receiving apparatus and wireless communication system	2010/09/01	JP2009197376	2009/08/27
13PA01-063-16	US6760590	US	Granted	Communication terminal apparatus, base station apparatus, and radio communication method	2004/07/06	US10/089605	2002/04/01
13PA01-063-17	US6799053	US	Granted	Communication terminal apparatus	2004/09/28	US10/321500	2002/12/18
13PA01-063-18	US7206587	US	Granted	Communication terminal apparatus, base station apparatus, and radio communication method	2007/04/17	US10/321623	2002/12/18