

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3330136

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SIEMENS INDUSTRY, INC	12/12/2014
RECEIVING PARTY DATA	
Name:	SIEMENS AKTIENGESELLSCHAFT
Street Address:	WITTELSBACHERPLATZ 2
City:	MUNICH
State/Country:	GERMANY
Postal Code:	80333
PROPERTY NUMBERS Total: 59	
Property Type	Number
Patent Number:	5638263
Patent Number:	5619407
Patent Number:	5905642
Patent Number:	5986909
Patent Number:	6087738
Patent Number:	6014323
Patent Number:	6262555
Patent Number:	6313600
Patent Number:	6166513
Patent Number:	6236580
Patent Number:	6301130
Patent Number:	6417644
Patent Number:	6411530
Patent Number:	6762947
Patent Number:	7327111
Patent Number:	7511975
Patent Number:	7599818
Patent Number:	7428158
Patent Number:	7892670
Patent Number:	7679313

PATENT

Property Type	Number
Patent Number:	7307400
Patent Number:	7508147
Patent Number:	7787113
Patent Number:	7835154
Patent Number:	7554804
Patent Number:	8018735
Patent Number:	7869211
Patent Number:	7477037
Patent Number:	7798892
Patent Number:	7414866
Patent Number:	7800254
Patent Number:	7568931
Patent Number:	7977910
Patent Number:	8699210
Patent Number:	7902779
Patent Number:	8207812
Patent Number:	7948340
Patent Number:	8008923
Patent Number:	8093764
Patent Number:	8169107
Patent Number:	8397085
Patent Number:	8134316
Patent Number:	8200460
Patent Number:	8319589
Patent Number:	8804381
Application Number:	13535655
Application Number:	13589228
Application Number:	14013215
Application Number:	13605316
Application Number:	13915815
Application Number:	13928477
Application Number:	13754208
Application Number:	14010621
Application Number:	13906910
Application Number:	13688327
Application Number:	14031097
Application Number:	14206019
Application Number:	14242961

Property Type	Number
Patent Number:	8896290

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	IPR
NAME OF SUBMITTER:	JENNIFER SEYMOUR
SIGNATURE:	/JenniferSeymour/
DATE SIGNED:	04/28/2015

Total Attachments: 23

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INTELLECTUAL PROPERTY ASSIGNMENT

THIS INTELLECTUAL PROPERTY ASSIGNMENT, effective the 1st day of October, 2014, is made and entered into by and between Siemens Industry, Inc., a corporation having its principal place of business in Alpharetta, Georgia, USA (the "Assignor"), and Siemens AG, a corporation having its principal places of business in Berlin and Munich, Germany (the "Assignee");

WHEREAS, Assignor is the owner of each of (i) the patents and patent applications set forth on Schedule A hereto (the "Patents"); (ii) the utility model set forth on Schedule B hereto (the "Utility model"); and (iii) the trademarks, trademark registrations, and trademark applications (including any and all goodwill symbolized thereby) set forth on Schedule C hereto (the "Trademarks") ((i)-(iii), collectively, the "Purchased Intellectual Property");

WHEREAS, pursuant to the Technology Purchase Agreement dated 21 November 2014, to which Assignor and Assignee are both parties, Assignee agreed to purchase certain assets from Assignor, including all of the Assignor's right, title and interest in and to the Purchased Intellectual Property. All capitalized terms used herein and not otherwise defined shall have the respective meanings assigned to them in the aforementioned Technology Purchase Agreement.

NOW, THEREFORE, for good and valuable consideration (including that recited in the Technology Purchase Agreement), the receipt and adequacy of which is hereby acknowledged, Assignor does hereby assign, transfer and convey to Assignee and its successors, assigns and nominees forever, Assignor's entire right, title and interest in and to the Purchased Intellectual Property, including (i) all rights therein provided by international conventions or treaties, and (ii) any and all rights to sue or recover and retain damages and costs and attorneys' fees for past, present and future infringement, dilution, misappropriation, or other violation thereof, and rights for priority and protection of interests therein under the laws of any jurisdiction. Assignor shall not enter into any agreement in conflict with this Assignment.

Assignees, its successors and assigns, shall hold the rights to the foregoing for and during the existence of such Purchased Intellectual Property as fully and as entirely as the same would have been held and enjoyed by Assignors had this Assignment not been made.

Assignor shall, without further consideration, comply with a reasonable request by Assignee, at Assignee's expense, to execute and deliver such documents to effectuate the purposes of this Assignment.

The parties agree that the assignment of each asset of the Purchased Intellectual Property shall be construed as separable and divisible from the assignment of every other asset of the Purchased Intellectual Property. The unenforceability or invalidity of this Assignment with respect to any one asset of the Purchased Intellectual Property shall not limit its enforceability or validity, in whole or in part, with respect to any other asset of the Purchased Intellectual Property.

This Assignment may be signed in one or more counterparts, each of which shall be an original and all of which shall be considered one and the same agreement.

Assignor makes no warranties or representations or indemnities with respect to the Purchased Intellectual Property other than as may be provided in the Technology Purchase Agreement.

IN WITNESS WHEREOF, the undersigned have caused this Assignment to be duly executed and delivered as of the date first above written.

Siemens Industry Inc.

Location, Date: Alpharetta
12/12/14
Name: [Signature]
Keith Nagrowski
Title: LC-15 LD 134

Doug Keith
[Signature]
Dated: Dec 12 2014

Paul Nagrowski
[Signature]
Dated: 12/12/14

Siemens Aktiengesellschaft

Location, Date: Munich
15.12.2014
Name: [Signature]
Hoke Wiesner
Title: LD CFO

Schedule A

PATENTS						
	IPAS Number	Application date	Application numbers	Titel	Grant date	Grant number
				LOW AND MEDIUM VOLTAGE PWM AC/DC POWER CONVERSION METHOD AND APPARATUS (CIP OF SN 08/203,803, FILED 3-1-94)		
1	1994P88534 US	08.12.1994	08/351,822		10.06.1997	5638263
2	1996P88501 US	06.02.1996	08/597,169	AUTOTRANSFORMER	08.04.1997	5619407
3	1997P88519 US	11.11.1997	08/967,466	APPARATUS AND METHOD TO REDUCE COMMON MODE VOLTAGE FROM CURRENT SOURCE DRIVES	18.05.1999	5905642
4	1997P88519 CA	06.11.1998	2253044	APPARATUS AND METHOD TO REDUCE COMMON MODE VOLTAGE FROM CURRENT SOURCE DRIVES	07.01.2003	2,253,044
5	1998P88507 US	21.05.1998	09/082,888	MULTIPHASE POWER SUPPLY WITH PLURAL SERIES CONNECTED CELLS AND FAILED CELL BYPASS	16.11.1999	5986909
6	1998P88507 AU	19.05.1999	30161/99	MULTIPHASE POWER SUPPLY WITH PLURAL SERIES CONNECTED CELLS AND FAILED CELL BYPASS	06.02.2003	753,416
7	1998P88507 BR	21.05.1999	PI9903174-4	MULTIPHASE POWER SUPPLY WITH PLURAL SERIES CONNECTED CELLS AND FAILED CELL BYPASS	13.11.2012	PI9903174-4
8	1998P88507 CA	19.05.1999	2272202	MULTIPHASE POWER SUPPLY WITH PLURAL SERIES CONNECTED CELLS AND FAILED CELL BYPASS	04.07.2006	2272202
9	1998P88507 CL	20.05.1999	1055-99	MULTIPHASE POWER SUPPLY WITH PLURAL SERIES CONNECTED CELLS AND FAILED CELL BYPASS	01.06.2010	46703
10	1998P88507 CN	21.05.1999	99109717.3	MULTIPHASE POWER SUPPLY WITH PLURAL SERIES CONNECTED CELLS AND FAILED CELL BYPASS	18.01.2006	ZL99109717.3
11	1998P88507 FI	20.05.1999	991148	MULTIPHASE POWER SUPPLY WITH PLURAL SERIES CONNECTED CELLS AND FAILED CELL BYPASS	13.07.2007	118144
12	1998P88507 IT	21.05.1999	RM99A000324	MULTIPHASE POWER SUPPLY WITH PLURAL	16.01.2002	1309120

				SERIES CONNECTED CELLS AND FAILED CELL BYPASS		
13	1998P88507 JP	20.05.1999	11-140168	Drive with High Output in Failed Mode	23.07.2010	4553167
14	1998P88507 NL	20.05.1999	1012112	MULTIPHASE POWER SUPPLY WITH PLURAL SERIES CONNECTED CELLS AND FAILED CELL BYPASS	16.09.2004	1012112
15	1998P88507 PE	21.05.1999	000429.99	MULTIPHASE POWER SUPPLY WITH PLURAL SERIES CONNECTED CELLS AND FAILED CELL BYPASS	30.04.2002	2396
16	1998P88507 ZA	20.05.1999	99/3444	MULTIPHASE POWER SUPPLY WITH PLURAL SERIES CONNECTED CELLS AND FAILED CELL BYPASS	23.02.2000	99/3444
17	1998P88526 US	20.08.1998	09/137,016	VARIABLE OUTPUT THREE- PHASE TRANSFORMER	11.07.2000	6087738
18	1998P88527 US	07.08.1998	09/130,076	MULTIPHASE POWER CONVERTER	11.01.2000	6014323
19	1999P88509 US	31.08.1999	09/386,677	APPARATUS AND METHOD TO GENERATE BRAKING TORQUE IN AN AC DRIVE (BASED ON PROVISIONAL SN 60/102,977, FILED 10-2-98)	17.07.2001	6262555
20	1999P88509 AU	24.09.1999	50126/99	APPARATUS AND METHOD TO GENERATE BRAKING TORQUE IN AN AC DRIVE (BASED ON PROVISIONAL SN 60/102,977, FILED 10-2-98)	27.02.2003	754,287
21	1999P88509 CA	17.09.1999	2282802	APPARATUS AND METHOD TO GENERATE BRAKING TORQUE IN AN AC DRIVE (BASED ON PROVISIONAL SN 60/102,977, FILED 10-2-98)	09.09.2008	2,282,802
22	1999P88509 CN	29.09.1999	99120568.5	APPARATUS AND METHOD TO GENERATE BRAKING TORQUE IN AN AC DRIVE (BASED ON PROVISIONAL SN 60/102,977, FILED 10-2-98)	04.06.2006	ZL991205 68.5
23	1999P88509 DE	28.09.1999	19946428.6	APPARATUS AND METHOD TO GENERATE BRAKING TORQUE IN AN AC DRIVE (BASED ON PROVISIONAL SN 60/102,977, FILED 10-2-98)		
24	1999P88509 IT	01.10.1999	RM99A00060 3	APPARATUS AND METHOD TO GENERATE BRAKING TORQUE IN AN AC DRIVE (BASED ON PROVISIONAL SN 60/102,977, FILED 10-2-98)	10.12.2001	1308237
25	1999P88509 JP	04.10.1999	11-282701	APPARATUS AND METHOD TO GENERATE BRAKING TORQUE IN AN AC DRIVE (BASED ON PROVISIONAL SN	30.05.2003	3435104

				60/102,977, FILED 10-2-98)		
26	2000P88508 US	29.02.2000	09/515,442	CONTROL METHOD AND APPARATUS FOR INSUFFICIENT INPUT VOLTAGE IN AN AC DRIVE	06.11.2001	6313600
27	2000P88513 US	07.04.2000	09/543,971	FOUR-QUADRANT AC-AC DRIVE AND METHOD (BASED ON PROVISIONAL SN 60/128,585, FILED 4-9-99)	26.12.2000	6166513
28	2000P88514 US	07.04.2000	09/543,965	MODULAR MULTI-LEVEL ADJUSTABLE SUPPLY WITH SERIES CONNECTED ACTIVE INPUTS (BASED ON PROVISIONAL SN 60/128,834, FILED 4-9-99)	22.05.2001	6236580
29	2000P88523 US	15.08.2000	09/637,368	MODULAR MULTI-LEVEL ADJUSTABLE SUPPLY WITH PARALLEL CONNECTED ACTIVE INPUTS (BASED ON PROVISIONAL SN 60/151,915, FILED 9-1-99 AND SN 60/184,027, FILED 2-22-00)	09.10.2001	6301130
30	2000P88523 CH	29.08.2000	1680/00	MODULAR MULTI-LEVEL ADJUSTABLE SUPPLY WITH PARALLEL CONNECTED ACTIVE INPUTS (BASED ON PROVISIONAL SN 60/151,915, FILED 9-1-99 AND SN 60/184,027, FILED 2-22-00)	15.12.2004	694386
31	2000P88523 JP	30.08.2000	2000-260699	MODULAR MULTI-LEVEL ADJUSTABLE SUPPLY WITH PARALLEL CONNECTED ACTIVE INPUTS (BASED ON PROVISIONAL SN 60/151,915, FILED 9-1-99 AND SN 60/184,027, FILED 2-22-00)	23.07.2010	4555445
32	2001P88535 US	27.04.2001	09/844,795	APPARATUS AND METHOD TO GENERATE BRAKING TORQUE IN AN AC DRIVE (CON. OF APPLICATION SERIAL NO. 09/386,677, FILED 08-31-99 (PAT. NO. 6,262,555) WHICH CLAIMS BENEFIT OF 60/102,977, FILED 10-02-1998)	09.07.2002	6417644
33	2001P88536 US	06.04.2001	09/827,652	DRIVE AND POWER SUPPLY WITH PHASE SHIFTED CARRIERS	25.06.2002	6411530
34	2002P88502 US	20.11.2002	10/300,403	CONTROL METHOD AND APPARATUS TO REDUCE CURRENT THROUGH DC CAPACITOR LINKING TWO STATIC CONVERTERS (BASED ON PROV. SN 60/385,682, FILED 6-4-02)	13.07.2004	6762947

35	2005P14756 US01	11.08.2006	11/503,327	System and Method for Parallel Control of Variable Frequency Drives	05.02.2008	7327111
36	2005P14756WOBR	14.08.2006	PI0615000-4	System And Method For Parallel Control Of Variable Frequency Drives		
37	2005P14756WOCA	14.08.2006	2619218	System And Method For Parallel Control Of Variable Frequency Drives	20.03.2012	2619218
38	2005P14756WOCN	14.08.2006	20068003769 8.8	System And Method For Parallel Control Of Variable Frequency Drives	06.10.2010	10130073 3B
39	2005P14756WOIN	14.08.2006	587/KOLNP/ 2008	System And Method For Parallel Control Of Variable Frequency Drives	05.02.2014	258761
40	2005P14756WOKR	14.08.2006	2008-7005962	System And Method For Parallel Control Of Variable Frequency Drives	12.07.2010	970897
41	2005P14756WORU	14.08.2006	2008109217	System And Method For Parallel Control Of Variable Frequency Drives	27.12.2009	2377713
42	2005P14756WEDE	14.08.2006	06789765.2	System And Method For Parallel Control Of Variable Frequency Drives	01.02.2012	60 2006 027 446.7
43	2005P14756WEFR	14.08.2006	06789765.2	System And Method For Parallel Control Of Variable Frequency Drives	01.02.2012	1922806
44	2005P14756WEIT	14.08.2006	06789765.2	System And Method For Parallel Control Of Variable Frequency Drives	01.02.2012	1922806
45	2005P15104 US01	18.08.2006	11/507,006	System and Method for Limiting AC Inrush Current	31.03.2009	7511975
46	2005P15104WE	18.08.2006	06789852.8	System And Method For Limiting AC Inrush Current		
47	2005P15104WOBR	18.08.2006	PI0614788-7	System And Method For Limiting AC Inrush Current		
48	2005P15104WOCA	18.08.2006	2619724	System And Method For Limiting AC Inrush Current	30.10.2012	2619724
49	2005P15104WOCN	18.08.2006	20068002970 9.8	System And Method For Limiting AC Inrush Current	29.12.2010	10124359 0B
50	2005P15104WOIN	18.08.2006	588/KOLNP/ 2008	System And Method For Limiting AC Inrush Current		
51	2005P15104WOM X	18.08.2006	2008/002303	System And Method For Limiting AC Inrush Current	07.07.2010	277117
52	2005P15104WORU	18.08.2006	2008110173	System And Method For Limiting AC Inrush Current	10.08.2009	2364016
53	2005P15104WEDE	18.08.2006	06789852.8	System And Method For Limiting AC Inrush Current		
54	2005P15104WEIT	18.08.2006	06789852.8	System And Method For Limiting AC Inrush Current		
55	2005P15741 US01	31.08.2006	11/515,292	Control and Diagnosis of Power Delivery System	06.10.2009	7599818

56	2005P15741WE	01.09.2006	06802798.6	Control and Diagnostics of Power Delivery System		
57	2005P15741WOBR	01.09.2006	PI0615430-1	Control and Diagnostics of Power Delivery System		
58	2005P15741WOCA	01.09.2006	2620393	Control and Diagnostics of Power Delivery System	05.07.2011	2620393
59	2005P15741WOCN	01.09.2006	20068003172 6.5	Control and Diagnostics of Power Delivery System		
60	2005P15741WOIN	01.09.2006	756/KOLNP/ 2008	Control and Diagnostics of Power Delivery System		
61	2005P15741WOKR	01.09.2006	2008-7007912	Control and Diagnostics of Power Delivery System	30.06.2010	0968430
62	2005P15741WORU	01.09.2006	2008112660	Control and Diagnostics of Power Delivery System	10.09.2009	2367083
63	2005P15741WEDE	01.09.2006	06802798.6	Control and Diagnostics of Power Delivery System		
64	2005P15741WEIT	01.09.2006	06802798.6	Control and Diagnostics of Power Delivery System		
65	2005P15742 US01	11.09.2006	11/518,979	System and Method for Reducing Harmonic Effects on a Power Delivery System	23.09.2008	7428158
66	2005P15742WE	11.09.2006	06803475.0	System and Method of Reducing Harmonics Effects on A Power Delivery System	09.07.2014	1929614
67	2005P15742WOBR	11.09.2006	PI0616123-5	System and Method of Reducing Harmonic Effects on a Power Delivery System		
68	2005P15742WOCA	11.09.2006	2620498	System and Method of Reducing Harmonic Effects on a Power Delivery System	20.03.2012	2620498
69	2005P15742WOCN	11.09.2006	20068003314 2.1	System and Method of Reducing Harmonic Effects on a Power Delivery System	13.06.2012	10126364 6B
70	2005P15742WOIN	11.09.2006	810/KOLNP/ 2008	System and Method of Reducing Harmonic Effects on a Power Delivery System	25.03.2013	255838
71	2005P15742WOKR	11.09.2006	2008-7008386	System and Method of Reducing Harmonic Effects on a Power Delivery System	22.12.2010	1004627
72	2005P15742WORU	11.09.2006	2008113852	System and Method of Reducing Harmonic Effects on a Power Delivery System	27.04.2010	2388133
73	2005P15742WEDE	11.09.2006	06803475.0	System and Method To Minimize Harmonics For Active Controlled AC-AC Power Supply	09.07.2014	60 2006 042 228.8
74	2005P15742WEIT	11.09.2006	06803475.0	System and Method To Minimize Harmonics For Active Controlled AC-AC Power Supply	09.07.2014	1929614
75	2005P15745 US01	29.08.2006	11/511,726	Packaging System for Modular Power Cells	22.02.2011	7892670
76	2005P15745WE	30.08.2006	06802701.0	Packaging Method for Modular Power Cells		

77	2005P15745WOBR	30.08.2006	P10615601-0	Packaging System For Modular Power Cells		
78	2005P15745WOCA	30.08.2006	2619956	Packaging System for Modular Power Cells		
79	2005P15745WOCN	30.08.2006	20068003142 7.1	Packaging System for Modular Power Cells	13.04.2011	10134164 8B
80	2005P15745WOIN	30.08.2006	630/KOLNP/ 2008	Packaging System for Modular Power Cells		
81	2005P15745WOKR	30.08.2006	2008-7007327	Packaging System for Modular Power Cells	25.11.2013	1335135
82	2005P15745WORU	30.08.2006	2008112157	Packaging System for Modular Power Cells	20.02.2011	2412523
83	2005P15745WEDE	30.08.2006	06802701.0	Packaging Method for Modular Multilevel Power Cells		
84	2005P15745WEIT	30.08.2006	06802701.0	Packaging Method for Modular Multilevel Power Cells		
85	2005P15746 US01	29.08.2006	11/511,713	Power Delivery System Including Interchangeable Cells	16.03.2010	7679313
86	2005P15746 US02	21.01.2010	12/691,531	Power Delivery System Including Interchangeable Cells	09.11.2010	7830111
87	2005P15746WOBR	30.08.2006	P10615592-8	Power Delivery System Including Interchangeable Cells		
88	2005P15746WOCA	30.08.2006	2620426	Power Delivery System Including Interchangeable Cells	20.03.2012	2620426
89	2005P15746WOCN	30.08.2006	20068003143 5.6	Power Delivery System Including Interchangeable Cells		
90	2005P15746WOIN	30.08.2006	631/KOLNP/ 2008	Power Delivery System Including Interchangeable Cells		
91	2005P15746WOKR	30.08.2006	2008-7007397	Power Delivery System Including Interchangeable Cells	17.11.2011	1086577
92	2005P15746WOM X	30.08.2006	2008/002777	Power Delivery System Including Interchangeable Cells	03.08.2010	277847
93	2005P15746WORU	30.08.2006	2008112159	Power Delivery System Including Interchangeable Cells	20.11.2010	2404482
94	2005P15746WEDE	30.08.2006	06802702.8	Power Delivery System Including Interchangeable Cells	03.11.2010	60 2006 018 022.5
95	2005P15746WEFR	30.08.2006	06802702.8	Power Delivery System Including Interchangeable Cells	03.11.2010	1920528
96	2005P15746WEIT	30.08.2006	06802702.8	Power Delivery System Including Interchangeable Cells	03.11.2010	1920528
97	2005P88504 US01	26.05.2006	11/420,578	INVERTER OPERATION WITH OVER-MODULATION	11.12.2007	7307400
98	2005P88504WOBR	26.05.2006	P10610651-0	Inverter Operation With Over-Modulation		
99	2005P88504WOCA	26.05.2006	2609798	Inverter Operation With Over-Modulation	20.03.2012	2609798
100	2005P88504WOCN	26.05.2006	20068001808 6.4	Inverter Operation With Over-Modulation	26.05.2010	10118078 5B

101	2005P88504WOIN	26.05.2006	4439/KOLNP /07	Inverter Operation With Over-Modulation	24.05.2012	252618
102	2005P88504WOKR	26.05.2006	2007-7030388	Inverter Operation With Over-Modulation	24.09.2010	984496
103	2005P88504WOM X	26.05.2006	2007/014842	Inverter Operation With Over-Modulation	07.04.2010	274951
104	2005P88504WECH	26.05.2006	06771255.4	Inverter Operation With Over-Modulation	29.06.2011	1884015
105	2005P88504WEDE	26.05.2006	06771255.4	Inverter Operation With Over-Modulation	29.06.2011	60 2006 022 801.5
106	2005P88504WEFR	26.05.2006	06771255.4	Inverter Operation With Over-Modulation	29.06.2011	1884015
107	2005P88504WEIT	26.05.2006	06771255.4	Inverter Operation With Over-Modulation	29.06.2011	1884015
108	2005P88505 US01	18.05.2006	11/419,064	Variable-Frequency Drive with Regeneration Capability	24.03.2009	7508147
109	2005P88505WE	19.05.2006	06770734.9	Variable-Frequency Drive With Regeneration Capability		
110	2005P88505WOBR	19.05.2006	P10610135-6	Variable-Frequency Drive With Regeneration Capability		
111	2005P88505WOCA	19.05.2006	2608780	Variable-Frequency Drive With Regeneration Capability	05.03.2013	2608780
112	2005P88505WOCN	19.05.2006	20068001682 7.5	Variable-Frequency Drive With Regeneration Capability	30.11.2011	10125367 6B
113	2005P88505WOIN	19.05.2006	4438/KOLNP /2007	Variable-Frequency Drive With Regeneration Capability	28.02.2013	255538
114	2005P88505WOM X	19.05.2006	2007/014358	Variable-Frequency Drive With Regeneration Capability	09.04.2010	275092
115	2005P88505WORU	19.05.2006	2007147332	Variable-Frequency Drive With Regeneration Capability	27.11.2009	2374751
116	2005P88505WECH	19.05.2006	06770734.9	Variable-Frequency Drive With Regeneration Capability		
117	2005P88505WEDE	19.05.2006	06770734.9	Variable-Frequency Drive With Regeneration Capability		
118	2005P88505WEFR	19.05.2006	06770734.9	Variable-Frequency Drive With Regeneration Capability		
119	2005P88505WEIT	19.05.2006	06770734.9	Variable-Frequency Drive With Regeneration Capability		
120	2006P10598 US01	18.05.2007	11/750,628	Method for Optically Detecting an Electrical Arc in a Power Supply	31.08.2010	7787113
121	2006P13274 US01	28.06.2007	11/769,782	Electronic Module Having a Locking Member and System Including Same	16.11.2010	7835154
122	2006P13274WOCN	29.06.2007	20078002474 0.7	Electronic Module Having A Locking Member And System Including Same	23.11.2011	10148524 0B
123	2006P13281 US01	28.06.2007	11/769,846	Electronic Module Configured for Air Flow Therethrough and System Including Same	30.06.2009	7554804

124	2006P13281WOBR	02.07.2007	P10713873-3	Electronic Module Configured For Air Flow Therethrough And System Including Same		
125	2006P13281WOCA	02.07.2007	2656316	Electronic Module Configured For Air Flow Therethrough And System Including Same		
126	2006P13281WOCN	02.07.2007	20078002494 6.X	Electronic Module Configured For Air Flow Therethrough And System Including Same		
127	2006P13281WOJP	02.07.2007	2009-518360	Electronic Module Configured For Air Flow Therethrough And System Including Same	16.11.2012	5135340
128	X 2006P13281WOM	02.07.2007	2009/000038	Electronic Module Configured For Air Flow Therethrough And System Including Same	03.09.2010	278685
129	2006P13281WEDE	02.07.2007	07796686.9	Electronic Module Configured For Air Flow Therethrough And System Including Same	05.01.2011	60 2007 011 759.3
130	2006P13281WEFR	02.07.2007	07796686.9	Electronic Module Configured For Air Flow Therethrough And System Including Same	05.01.2011	2036417
131	2006P13281WEIT	02.07.2007	07796686.9	Electronic Module Configured For Air Flow Therethrough And System Including Same	05.01.2011	2036417
132	2006P13285 US01	28.06.2007	11/769,804	Electronic Module and Interlocking bus System Including Same	13.09.2011	8018735
133	2006P13285WOCA	02.07.2007	2656556	Electronic Module and Interlocking bus System Including Same.		
134	2006P13285WOCN	02.07.2007	20078002476 6.1	Electronic Module and Interlocking bus System Including Same.	21.03.2012	10148524 1B
135	X 2006P13285WOM	02.07.2007	2008/016475	Electronic Module and Interlocking bus System Including Same.	12.12.2011	293580
136	2006P13285WECH	02.07.2007	07796685.1	Electronic Module and Interlocking Bus System Including Same	07.09.2011	2036415
137	2006P13285WEDE	02.07.2007	07796685.1	Electronic Module and Interlocking Bus System Including Same	07.09.2011	60 2007 017 025.7
138	2006P13285WEFR	02.07.2007	07796685.1	Electronic Module and Interlocking Bus System Including Same	07.09.2011	2036415
139	2006P13285WEGB	02.07.2007	07796685.1	Electronic Module and Interlocking Bus System Including Same	07.09.2011	EP203641 5
140	2006P13285WEIT	02.07.2007	07796685.1	Electronic Module and Interlocking Bus System Including Same	07.09.2011	2036415
141	2006P13286 US01	28.06.2007	11/769,891	Electronic Module Configured for Failure Containment and system including same	11.01.2011	7869211

142	2006P13286WE	29.06.2007	07810079.9	ELECTRONIC MODULE CONFIGURED FOR FAILURE CONTAINMENT AND SYSTEM INCLUDING SAME		
143	2006P13286WOBR	29.06.2007	PI0713949-7	ELECTRONIC MODULE CONFIGURED FOR FAILURE CONTAINMENT AND SYSTEM INCLUDING SAME		
144	2006P13286WOCA	29.06.2007	2656201	ELECTRONIC MODULE CONFIGURED FOR FAILURE CONTAINMENT AND SYSTEM INCLUDING SAME		
145	2006P13286WOCN	29.06.2007	20078002487 6.8	ELECTRONIC MODULE CONFIGURED FOR FAILURE CONTAINMENT AND SYSTEM INCLUDING SAME	24.08.2011	10149116 8B
146	2006P13286WOJP	29.06.2007	2009-518308	ELECTRONIC MODULE CONFIGURED FOR FAILURE CONTAINMENT AND SYSTEM INCLUDING SAME	31.05.2013	5279706
147	2006P13286WOM X	29.06.2007	2009/000041	ELECTRONIC MODULE CONFIGURED FOR FAILURE CONTAINMENT AND SYSTEM INCLUDING SAME	31.03.2013	308135
148	2006P17198 US	14.08.2006	11/504,567	Method of Parallel Control of Series Cell Based Drives	13.01.2009	7477037
149	2006P18518 US	31.08.2006	11/515,294	Packaging Method for Modular Power Cells	21.09.2010	7798892
150	2006P18519 US	28.09.2006	11/540,232	Method for Smoothing Input Current to a Power Delivery System Having Regeneration Capability	19.08.2008	7414866
151	2006P18519WE	19.06.2007	07809742.5	Smoothing The Input Current Of A Regenerative Power Delivery System By Using Sliding Data Windows		
152	2006P18519WOBR	19.06.2007	PI0719448-0	Smoothing The Input Current Of A Regenerative Power Delivery System By Using Sliding Data Windows		
153	2006P18519WOCN	19.06.2007	20078003599 8.7	Smoothing The Input Current Of A Regenerative Power Delivery System By Using Sliding Data Windows	04.07.2012	10151787 5B
154	2006P18519WOIN	19.06.2007	1065/KOLNP /2009	Smoothing The Input Current Of A Regenerative Power Delivery System By Using Sliding Data Windows		
155	2006P18519WOJP	19.06.2007	2009-530337	Smoothing The Input Current Of A Regenerative Power Delivery System By Using Sliding Data Windows	21.06.2013	5295112
156	2006P18519WEDE	19.06.2007	07809742.5	Smoothing The Input Current Of A Regenerative Power Delivery System By Using Sliding Data		

				Windows		
				Smoothing The Input Current Of A Regenerative Power Delivery System By Using Slidding Data Windows		
157	2006P18519WEIT	19.06.2007	07809742.5			
158	2006P20338 US01	19.09.2007	11/857,646	System for Bypassing a Power Cell of a Power Supply	21.09.2010	7800254
159	2006P20591 US01	26.09.2007	11/861,608	Integrated Power Cell Bypass Assembly and Power Supply Including Same	04.08.2009	7568931
160	2007P08281 US01	18.04.2008	12/105,766	Method of starting a synchronous motor with a brushless DC exciter	12.07.2011	7977910
161	2007P08281WE	21.04.2008	08743150.8	Method of starting a synchronous motor with a brushless DC exciter	29.05.2013	2140546
162	2007P08281WOBR	21.04.2008	PI0810241-4	Method of starting a synchronous motor with a brushless DC exciter		
163	2007P08281WOCA	21.04.2008	2684467	Method of starting a synchronous motor with a brushless DC exciter	20.05.2014	2684467
164	2007P08281WOCN	21.04.2008	20088001246 4.7	Method of starting a synchronous motor with a brushless DC exciter	06.11.2013	10168981 9B
165	2007P08281WOJP	21.04.2008	2010-504123	Method of starting a synchronous motor with a brushless DC exciter	30.08.2013	5349454
166	2007P08281WOM X	21.04.2008	2009/011257	Method of starting a synchronous motor with a brushless DC exciter	13.02.2013	307445
167	2007P08281WECH	21.04.2008	08743150.8	Method of starting a synchronous motor with a brushless DC exciter	29.05.2013	2140546
168	2007P08281WEDE	21.04.2008	08743150.8	Method of starting a synchronous motor with a brushless DC exciter	29.05.2013	60 2008 025 012.1
169	2007P08281WEFR	21.04.2008	08743150.8	Method of starting a synchronous motor with a brushless DC exciter	29.05.2013	2140546
170	2007P08281WEGB	21.04.2008	08743150.8	Method of starting a synchronous motor with a brushless DC exciter	29.05.2013	EP214054 6
171	2007P08281WEIT	21.04.2008	08743150.8	Method of starting a synchronous motor with a brushless DC exciter	29.05.2013	2140546
172	2007P08281WENL	21.04.2008	08743150.8	Method of starting a synchronous motor with a brushless DC exciter	29.05.2013	2140546
173	2007P08281WENO	21.04.2008	08743150.8	Method of starting a synchronous motor with a brushless DC exciter	29.05.2013	2140546
174	2007P09978 US	18.05.2007	11/750,657	System for Optically Detecting an Electrical Arc in a Power Supply	25.08.2009	7579581
175	2007P09978WE	21.05.2007	07809119.6	System for Optically Detecting an Electrical Arc in a Power Supply	10.09.2014	2018699
176	2007P09978WOCA	21.05.2007	2652542	System for Optically Detecting an Electrical Arc in a Power Supply		
177	2007P09978WOCN	21.05.2007	20078001834 8.1	System for Optically Detecting an Electrical Arc in a Power Supply	30.10.2013	10146112 4B
178	2007P09978WOIN	21.05.2007	4605/KOLNP /2008	System for Optically Detecting an Electrical Arc in a Power Supply		

179	2007P09978WECU	21.05.2007	07809119.6	System for Optically Detecting an Electrical Arc in a Power Supply	10.09.2014	2018699
180	2007P09978WEDE	21.05.2007	07809119.6	System for Optically Detecting an Electrical Arc in a Power Supply	10.09.2014	60 2007 038 517.2
181	2007P09978WEES	21.05.2007	07809119.6	System for Optically Detecting an Electrical Arc in a Power Supply	10.09.2014	2018699
182	2007P09978WEFR	21.05.2007	07809119.6	System for Optically Detecting an Electrical Arc in a Power Supply	10.09.2014	2018699
183	2007P09978WEGB	21.05.2007	07809119.6	System for Optically Detecting an Electrical Arc in a Power Supply	10.09.2014	EP201869 9
184	2007P09978WEIT	21.05.2007	07809119.6	System for Optically Detecting an Electrical Arc in a Power Supply	10.09.2014	2018699
185	2007P09978WENL	21.05.2007	07809119.6	System for Optically Detecting an Electrical Arc in a Power Supply	10.09.2014	2018699
186	2007P11074 US01	30.05.2008	12/129,895	Integrated Water Current Connection for a Motor Drive	15.04.2014	8699210
187	2007P11074WOBR	02.06.2008	PI0812020-0	Integrated Water Current Connection for Motor Drive		
188	2007P11074WOCA	02.06.2008	2688546	Integrated Water Current Connection for Motor Drive		
189	2007P11074WOCN	02.06.2008	20088001789 4.8	Integrated Water Current Connection for Motor Drive		
190	2007P11074WOJP	02.06.2008	2010-510554	Integrated Water Current Connection for Motor Drive	23.08.2013	5345137
191	2007P11074WOM X	02.06.2008	2009/012808	Integrated Water Current Connection for Motor Drive	11.04.2011	285547
192	2007P11074WECH	02.06.2008	08756623.8	Integrated Water Current Connection for a Motor Drive	12.01.2011	2151043
193	2007P11074WEDE	02.06.2008	08756623.8	Integrated Water Current Connection for a Motor Drive	12.01.2011	60 2008 004 507.2
194	2007P11074WEFR	02.06.2008	08756623.8	Integrated Water Current Connection for a Motor Drive	12.01.2011	2151043
195	2007P11074WEGB	02.06.2008	08756623.8	Integrated Water Current Connection for a Motor Drive	12.01.2011	EP215104 3
196	2007P11074WEIT	02.06.2008	08756623.8	Integrated Water Current Connection for a Motor Drive	12.01.2011	2151043
197	2007P11074WENO	02.06.2008	08756623.8	Integrated Water Current Connection for a Motor Drive	12.01.2011	2151043
198	2007P13684 US01	03.07.2008	12/167,623	System and Method for Limiting Input Voltage to a Power Delivery System having Regeneration Capability	08.03.2011	7902779
199	2007P13684WE	07.07.2008	08779994.6	System And Method For Limiting Input Voltage To A Power Delivery System Having Regeneration Capability		
200	2007P13684WOBR	07.07.2008	PI0814802-3	System And Method For Limiting Input Voltage To A Power Delivery System Having Regeneration Capability		

201	2007P13684WOCA	07.07.2008	2691936	System And Method For Limiting Input Voltage To A Power Delivery System Having Regeneration Capability		
202	2007P13684WOCN	07.07.2008	20088002328 6.8	System And Method For Limiting Input Voltage To A Power Delivery System Having Regeneration Capability	20.08.2014	10184934 6B
203	2007P13684WOIN	07.07.2008	4495/KOLNP /2009	System And Method For Limiting Input Voltage To A Power Delivery System Having Regeneration Capability		
204	2007P13684WOJP	07.07.2008	2010-514885	System And Method For Limiting Input Voltage To A Power Delivery System Having Regeneration Capability	28.03.2014	5506673
205	2007P13684WOM X	07.07.2008	2009/014081	System And Method For Limiting Input Voltage To A Power Delivery System Having Regeneration Capability	03.05.2011	286279
206	2007P16547 US01	07.01.2009	12/349,935	System for Isolating a Medium Voltage	26.06.2012	8207812
207	2007P16547WOBR	09.01.2009	PI0907615-8	System For Isolating A Medium Voltage		
208	2007P16547WOCA	09.01.2009	2711610	System For Isolating A Medium Voltage	24.12.2013	2711610
209	2007P16547WOCN	09.01.2009	20098010185 5.0	System For Isolating A Medium Voltage		
210	2007P16547WOIN	09.01.2009	2450/KOLNP /2010	System For Isolating A Medium Voltage		
211	2007P16547WOJP	09.01.2009	2010-542281	System For Isolating A Medium Voltage	16.08.2013	5340311
212	2007P16547WOM X	09.01.2009	2010/007051	System For Isolating A Medium Voltage	02.02.2012	295582
213	2007P16547WECH	09.01.2009	09701177.9	Signal Isolating Transformer and System Including Same	26.10.2011	2227816
214	2007P16547WEDE	09.01.2009	09701177.9	Signal Isolating Transformer and System Including Same	26.10.2011	60 2009 003 320.4
215	2007P16547WEFR	09.01.2009	09701177.9	Signal Isolating Transformer and System Including Same	26.10.2011	2227816
216	2007P16547WEGB	09.01.2009	09701177.9	Signal Isolating Transformer and System Including Same	26.10.2011	EP222781 6
217	2007P16547WEIT	09.01.2009	09701177.9	Signal Isolating Transformer and System Including Same	26.10.2011	2227816
218	2007P17503 US01	28.08.2008	12/200,377	Compact Three-Phase Multi-Winding Device	24.05.2011	7948340
219	2007P17503WE	29.08.2008	08798963.8	Three-Phase Multi-Winding Device	29.05.2013	2181452
220	2007P17503WOBR	29.08.2008	PI0815831-2	Three-Phase Multi-Winding Device		

221	2007P17503WOCA	29.08.2008	2698101	Three-Phase Multi-Winding Device	01.10.2013	2698101
222	2007P17503WOCN	29.08.2008	20088010493 3.8	Three-Phase Multi-Winding Device	28.11.2012	10180294 0B
223	2007P17503WOIN	29.08.2008	828/DELNP/2 010	Three-Phase Multi-Winding Device		
224	2007P17503WOJP	29.08.2008	2010-523153	Three-Phase Multi-Winding Device	21.06.2013	5295241
225	2007P17503WOM X	29.08.2008	2010/002184	Three-Phase Multi-Winding Device	13.12.2011	293692
226	2007P17503WECH	29.08.2008	08798963.8	Compact Three-Phase Multi-Winding Device	29.05.2013	2181452
227	2007P17503WEDE	29.08.2008	08798963.8	Compact Three-Phase Multi-Winding Device	29.05.2013	60 2008 025 048.2
228	2007P17503WEFR	29.08.2008	08798963.8	Compact Three-Phase Multi-Winding Device	29.05.2013	2181452
229	2007P17503WEGB	29.08.2008	08798963.8	Compact Three-Phase Multi-Winding Device	29.05.2013	EP218145 2
230	2007P17503WEIT	29.08.2008	08798963.8	Compact Three-Phase Multi-Winding Device	29.05.2013	2181452
231	2007P19280 US	19.09.2007	11/857,880	Method for Bypassing a Power Cell of a Power Supply	30.08.2011	8008923
232	2007P19457 US01	12.09.2008	12/209,467	Method and System for Bypassing a Power Cell of a Power Supply	10.01.2012	8093764
233	2007P19457WE	15.09.2008	08830092.6	Method and System for Bypassing a Power Cell of a Power Supply		
234	2007P19457WOBR	15.09.2008	PI0817335-4	Method And System For Bypassing A Power Cell Of A Power Supply		
235	2007P19457WOCA	15.09.2008	2704723	Method and System for Bypassing a Power Cell of a Power Supply		
236	2007P19457WOCN	15.09.2008	20088010672 6.6	Method and System for Bypassing a Power Cell of a Power Supply	04.06.2014	10185569 5B
237	2007P19457WOIN	15.09.2008	1267/DELNP/ 2010	Method And System For Bypassing A Power Cell Of A Power Supply		
238	2007P19457WOJP	15.09.2008	2010-525068	Method and System for Bypassing a Power Cell of a Power Supply		
239	2007P19457WOM X	15.09.2008	2010/002831	Method And System For Bypassing A Power Cell Of A Power Supply	01.08.2012	301887
240	2007P19460 US01	29.05.2009	12/474,746	Method and System For Reducing Switching Losses In A High-Frequency Multi-Cell Power Supply	01.05.2012	8169107
241	2007P19460WOBR	01.06.2009	PI0913187-6	Method and System For Reducing Switching Losses In A High-Frequency Multi-Cell Power Supply		

242	2007P19460WOCA	01.06.2009	2726056	Method and System For Reducing Switching Losses In A High-Frequency Multi-Cell Power Supply		
243	2007P19460WOCN	01.06.2009	20098011942 3.2	Method and System For Reducing Switching Losses In A High-Frequency Multi-Cell Power Supply		
244	2007P19715 US01	23.09.2008	12/235.902	Dual Processor Power Supply	12.03.2013	8397085
245	2007P19715WOBR	24.09.2008	P10817687-6	DUAL PROCESSOR POWER SUPPLY		
246	2007P19715WOCA	24.09.2008	2700377	DUAL PROCESSOR POWER SUPPLY		
247	2007P19715WOCN	24.09.2008	20088010836 4.4	DUAL PROCESSOR POWER SUPPLY		
248	2007P19715WOIN	24.09.2008	783/KOLNP/ 2010	DUAL PROCESSOR POWER SUPPLY		
249	2007P19715WOJP	24.09.2008	2010-526064	DUAL PROCESSOR POWER SUPPLY	09.08.2013	5334978
250	2007P19715WOM X	24.09.2008	2010/003153	DUAL PROCESSOR POWER SUPPLY	04.05.2012	298908
251	2007P19715WECH	24.09.2008	08832827.3	DUAL PROCESSOR POWER SUPPLY	18.09.2013	2193599
252	2007P19715WEDE	24.09.2008	08832827.3	DUAL PROCESSOR POWER SUPPLY	18.09.2013	60 2008 027 680.5
253	2007P19715WEFR	24.09.2008	08832827.3	DUAL PROCESSOR POWER SUPPLY	18.09.2013	2193599
254	2007P19715WEGB	24.09.2008	08832827.3	DUAL PROCESSOR POWER SUPPLY	18.09.2013	EP219359 9
255	2007P19715WEIT	24.09.2008	08832827.3	DUAL PROCESSOR POWER SUPPLY	18.09.2013	2193599
256	2007P19715WENL	24.09.2008	08832827.3	DUAL PROCESSOR POWER SUPPLY	18.09.2013	2193599
257	2007P19715WENO	24.09.2008	08832827.3	DUAL PROCESSOR POWER SUPPLY	18.09.2013	2193599
258	2008P00917 US01	20.02.2009	12/389.935	Method for Braking an AC Motor	13.03.2012	8134316
259	2008P00917WE	23.02.2009	09712911.8	Method And System For Braking An AC Motor		
260	2008P00917WOBR	23.02.2009	P10907940-8	Method And System For Braking An AC Motor		
261	2008P00917WOCA	23.02.2009	2714698	Method And System For Braking An AC Motor	09.09.2014	2714698
262	2008P00917WOCN	23.02.2009	20098010584 4.X	Method And System For Braking An AC Motor	01.10.2014	10198679 8B
263	2008P00917WOIN	23.02.2009	2709/KOLNP /2010	Method And System For Braking An AC Motor		

264	2008P00917WOJP	23.02.2009	2010-547652	Method And System For Braking An AC Motor	17.01.2014	5455934
265	2008P00917WOM X	23.02.2009	2010/009049	Method And System For Braking An AC Motor	17.04.2012	298285
266	2008P08913 US01	23.07.2009	12/508,525	METHOD OF DESIGNING A MULTI-WINDING DEVICE	12.06.2012	8200460
267	2008P08913WOCA	24.07.2009	2731652	METHOD OF DESIGNING A MULTI-WINDING DEVICE		
268	2008P08913WOCN	24.07.2009	20098012885 7.9	METHOD OF DESIGNING A MULTI-WINDING DEVICE	30.10.2013	10210607 3B
269	2008P08913WOIN	24.07.2009	531/DELNP/2 011	METHOD OF DESIGNING A MULTI-WINDING DEVICE		
270	2008P15365 US01	20.11.2009	12/622,807	POSITION SENSOR FOR MECHANICALLY LATCHING SOLENOID	27.11.2012	8319589
271	2010P10949 US	17.08.2010	12/857,630	DEVICE AND SYSTEM FOR BYPASSING A POWER CELL OF A POWER SUPPLY	14.05.2013	8441147
272	2010P12878 US	28.08.2012	13/596,909	METHODS OF BALANCING REACTIVE POWER IN MULTI-LEVEL MOTOR DRIVES WITH ACTIVE FRONT ENDS	12.08.2014	8804381
273	2011P14012 US01	28.06.2012	13/535,655	PACKAGING OF POWER SUPPLY USING MODULAR ELECTRONIC MODULES		
274	2011P14012WE	29.06.2012	12740246.9	Packaging of Power Supply using Modular Electronic Modules		
275	2011P14012WOAU	29.06.2012	2012275221	Packaging of Power Supply using Modular Electronic Modules		
276	2011P14012WOBR	29.06.2012	11201303382 8-8	Packaging of Power Supply using Modular Electronic Modules		
277	2011P14012WOCA	29.06.2012	2840421	Packaging of Power Supply using Modular Electronic Modules		
278	2011P14012WOCL	29.06.2012	3763/2013	Packaging of Power Supply using Modular Electronic Modules		
279	2011P14012WOCN	29.06.2012	20128004076 6.1	Packaging of Power Supply using Modular Electronic Modules		
280	2011P14012WOIN	29.06.2012	11221/DELNP/2013	Packaging of Power Supply using Modular Electronic Modules		
281	2011P14012WOJP	29.06.2012	2014-519059	Packaging of Power Supply using Modular Electronic Modules		
282	2011P14012WOKR	29.06.2012	2014-7002520	Packaging of Power Supply using Modular Electronic Modules		
283	2011P14012WOM X	29.06.2012	2014/000132	Packaging of Power Supply using Modular Electronic Modules		
284	2011P14012WORU	29.06.2012	2014102750	Packaging of Power Supply using Modular Electronic Modules		
285	2011P14012WOZA	29.06.2012	2013/09705	Packaging of Power Supply using Modular Electronic Modules		

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287	2011P19459 US	20.08.2012	13/589,228	IMPROVED DIAGNOSTICS FOR MULTI-LEVEL MEDIUM VOLTAGE DRIVE USING MECHANICAL BYPASS		
288	2011P19459WO	20.08.2013	PCT/US2013/055696	IMPROVED DIAGNOSTICS FOR MULTI-LEVEL MEDIUM VOLTAGE DRIVE USING MECHANICAL BYPASS		
289	2011P19460 US01	29.08.2013	14/013,215	POWER DELIVERY SYSTEMS AND METHODS FOR OFFSHORE APPLICATIONS		
290	2011P19460EP	30.08.2013	13182369.2	Power Delivery Systems and Methods for Offshore Applications		
291	2012P03288 US	15.08.2012	13/586,553	TEMPERATURE SENSING SYSTEM FOR POWER ELECTRONIC DEVICE		
292	2012P03288WO	14.08.2013	PCT/US2013/054827	TEMPERATURE SENSING SYSTEM FOR POWER ELECTRONIC DEVICE		
293	2012P14006 US	06.09.2012	13/605,316	APPARATUS AND METHODS FOR INPUT PROTECTION FOR POWER CONVERTERS		
294	2012P14006WO	26.08.2013	PCT/US2013/056575	Apparatus And Methods For Input Protection For Power Converters		
295	2012P14117 CA	13.06.2013	2818835	SYSTEMS, APPARATUS, AND METHODS FOR SOFT STARTING		
296	2012P14117 US01	12.06.2013	13/915,815	LARGE AC MOTORS WITH A VARIABLE FREQUENCY DRIVE		
297	2012P15843 US01	27.06.2013	13/928,477	SYSTEMS, APPARATUS, AND METHODS FOR SOFT STARTING		
298	2012P15843WO	28.06.2013	PCT/US2013/048461	LARGE AC MOTORS WITH A VARIABLE FREQUENCY DRIVE		
299	2012P16720 US	30.01.2013	13/754,208	ELECTRICAL CONTACT APPARATUS, ASSEMBLIES, AND METHODS OF OPERATION	04.11.2014	8879287
				ELECTRICAL CONTACT APPARATUS, ASSEMBLIES, AND METHODS OF OPERATION		
				APPARATUS AND METHODS FOR FEEDBACK SENSING IN MULTI-CELL POWER SUPPLIES		

				APPARATUS AND METHODS FOR FEEDBACK		
300	2012P16720WO	30.01.2014	PCT/US2014/013707	SENSING IN MULTI-CELL POWER SUPPLIES		
301	2012P17910 US01	27.08.2013	14/010,621	APPARATUS AND METHODS FOR RESTORING POWER CELL FUNCTIONALITY IN MULTI-CELL POWER SUPPLIES		
				APPARATUS AND METHODS FOR RESTORING POWER CELL		
302	2012P17910WO	29.08.2013	PCT/US2013/057281	FUNCTIONALITY IN MULTI-CELL POWER SUPPLIES		
303	2012P20664WO	26.08.2013	PCT/US2013/056579	SECURING AND LOCKING SYSTEM FOR AN ELECTRONIC MODULE		
304	2012P20665 US01	31.05.2013	13/906,910	ACCESSIBLE BLOWER ASSEMBLY, BLOWER SLIDER ASSEMBLY, AND METHODS		
305	2012P20665WO	13.08.2013	PCT/US2013/054662	Accessible Blower Assembly, Blower Slider Assembly, And Methods		
306	2012P21326 US	29.11.2012	13/688,327	POWER SUPPLIES HAVING POWER ELECTRONIC MODULES AND REPLACEMENT METHODS THEREOF		
				POWER SUPPLIES HAVING POWER ELECTRONIC MODULES		
307	2012P21326WO	04.11.2013	PCT/US2013/068249	AND REPLACEMENT METHODS THEREOF		
				POWER SUPPLIES HAVING MULTI-TAP VOLTAGE		
308	2012P21595WO	20.02.2014	PCT/US2014/017332	ATTENUATORS AND METHODS OF POWER SUPPLY ASSEMBLY		
309	2012P25899WO	06.11.2013	PCT/US2013/068673	ARC Fault Path For Mitigation Of ARC Fault In Power Supply Enclosure		
310	2013P12178WO	25.06.2014	PCT/US2014/044049	PRINTED CIRCUIT BOARD POWER CELL		
311	2013P14222WO	18.09.2013	PCT/US2013/060288	FIBER OPTIC RING FOR BYPASS SYSTEM IN MULTI-CELL POWER SUPPLY		
312	2013P14223 US	19.09.2013	14/031,097	LIQUID COOLED ELECTRONIC MODULES AND METHODS FOR REPLACING THE SAME		

313	2013P14223WO	05.09.2014	PCT/US2014/ 054172	LIQUID COOLED ELECTRONIC MODULES AND METHODS FOR REPLACING THE SAME		
314	2013P26674 US	12.03.2014	14/206,019	Pulse Width Modulation Control for a Multilevel Converter		
315	2013P26677 US	02.04.2014	14/242,961	ANGLED ELECTRICAL CONTACTOR		
316	2014P22895 US			Enhanced Solution for Arc Fault Resistant Electric Equipment		

Schedule B

UTILITY MODELS					
IPAS Number	Application date	Application numbers	Titel	Grant date	Grant number
/ 2005G88504 RU	26.05.2006	2009137539	Inverter Operation With Over-Modulation	10.04.2010	93000

Schedule C

TRADEMARKS							
	IPAS Number	Application date	Application number	Trademark	Publication date	Registration date	Registration number
1	2005W17973 BR01	22.11.2007	829 480 218	PERFECT HARMONY	04.03.2008	40197	829480218
2	2005W17973 BR02	22.11.2007	829 480 226	PERFECT HARMONY	04.03.2008		
3	2005W17973 BR03	22.11.2007	829 480 242	PERFECT HARMONY	04.03.2008	40197	829480242
4	2005W17973 BR04	22.11.2007	829 480 250	PERFECT HARMONY	04.03.2008	40197	829480250
5	2005W17973 CA	07.12.2007	1375179	PERFECT HARMONY		40535	TMA785935
6	2005W17973 CL	06.11.2007	794 765	PERFECT HARMONY	04.01.2008	39601	818 359
7	2005W17973 CL01	06.11.2007	794 766	PERFECT HARMONY	18.01.2008	39601	818 360
8	2005W17973 CO01	22.11.2007	07 123 672	PERFECT HARMONY	28.12.2007	39605	355 881
9	2005W17973 CO02	26.11.2007	07 125 038	PERFECT HARMONY	28.12.2007	39615	355 946
10	2005W17973 CO03	22.11.2007	07 123 675	PERFECT HARMONY	28.12.2007	39605	355 882
11	2005W17973 CO04	22.11.2007	07 123 677	PERFECT HARMONY	28.12.2007	39605	355 884
12	2005W17973 IN	06.11.2007	1 619 015	PERFECT HARMONY			
13	2005W17973 MX03	29.07.2008	951204	PERFECT HARMONY		39974	1104664
14	2005W17973 MX04	29.07.2008	951205	PERFECT HARMONY		39688	1057619
15	2005W17973 MX06	05.11.2010	1132408	PERFECT HARMONY			
16	2005W17973 MX07	03.01.2012	1238902	PERFECT HARMONY		41081	1292428
17	2005W17973 MX08	25.05.2012	1277439	PERFECT HARMONY		41373	1359845
18	2005W17973 PE01	26.11.2007	336 524	PERFECT HARMONY	22.04.2008	39616	139 707
19	2005W17973 PE02	26.11.2007	336 525	PERFECT HARMONY	22.04.2008	39619	139 799
20	2005W17973 PE03	26.11.2007	336 526	PERFECT HARMONY	22.04.2008	39619	51 448

21	2005W17973 PE04	26.11.2007	336 527	PERFECT HARMONY	22.04.2008	39619	51 449
22	2005W17973 US	25.05.2005	78/636704	PERFECT HARMONY	21.02.2006	39896	3596575
23	2005W17973WO	06.11.2007	946 131	PERFECT HARMONY		39392	946 131
24	2005W17973WOAU	06.11.2007	946 131	PERFECT HARMONY		39392	946 131
25	2005W17973WOCH	06.11.2007	946 131	PERFECT HARMONY		39392	946 131
26	2005W17973WOCN	06.11.2007	946 131	PERFECT HARMONY		39392	946 131
27	2005W17973WODE	06.11.2007	946 131	PERFECT HARMONY		39392	946 131
28	2005W17973WOFR	06.11.2007	946 131	PERFECT HARMONY		39392	946 131
29	2005W17973WOGB	06.11.2007	946 131	PERFECT HARMONY		39392	946 131
30	2005W17973WOIT	06.11.2007	946 131	PERFECT HARMONY		39392	946 131
31	2005W17973WOJP	06.11.2007	946 131	PERFECT HARMONY		39392	946 131
32	2005W17973WORU	06.11.2007	946 131	PERFECT HARMONY		39392	946 131
33	2009W01770 CN	01.07.2002	3 228 169	Perfect Harmony	28.01.2006	38835	3 228 169
34	2009W01771 CN	01.07.2002	3 228 168	Perfect Harmony IN CHINESE	28.01.2006	38835	3 228 168