PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4203984

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CONVERSANT INTELLECTUAL PROPERTY MANAGEMENT INC.	03/06/2015

RECEIVING PARTY DATA

Name:	GE HYBRID TECHNOLOGIES, LLC
Street Address:	8 SOUTHWOODS BLVD.
City:	ALBANY
State/Country:	NEW YORK
Postal Code:	12211

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15380090

CORRESPONDENCE DATA

Fax Number: (609)454-3957

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

Phone: 6094543500
Email: smannes@meagheremanuel.com
Correspondent Name: MEAGHER EMANUEL LAKS GOLDBERG & LIAO, LLP
Address Line 1: ONE PALMER SQUARE
Address Line 2: SUITE 325
Address Line 4: PRINCETON, NEW JERSEY 08542

ATTORNEY DOCKET NUMBER:	281306-8
NAME OF SUBMITTER:	SILVIA MANNES
SIGNATURE:	/Silvia Mannes/
DATE SIGNED:	12/29/2016

Total Attachments: 25
source=281306-8-Assignment-Executed#page1.tif
source=281306-8-Assignment-Executed#page2.tif
source=281306-8-Assignment-Executed#page3.tif
source=281306-8-Assignment-Executed#page4.tif
source=281306-8-Assignment-Executed#page5.tif

source=281306-8-Assignment-Executed#page6.tif
source=281306-8-Assignment-Executed#page7.tif
source=281306-8-Assignment-Executed#page8.tif
source=281306-8-Assignment-Executed#page9.tif
source=281306-8-Assignment-Executed#page10.tif
source=281306-8-Assignment-Executed#page11.tif
source=281306-8-Assignment-Executed#page12.tif
source=281306-8-Assignment-Executed#page13.tif
source=281306-8-Assignment-Executed#page14.tif
source=281306-8-Assignment-Executed#page15.tif
source=281306-8-Assignment-Executed#page16.tif
source=281306-8-Assignment-Executed#page17.tif
source=281306-8-Assignment-Executed#page18.tif
source=281306-8-Assignment-Executed#page19.tif
source=281306-8-Assignment-Executed#page20.tif
source=281306-8-Assignment-Executed#page21.tif
source=281306-8-Assignment-Executed#page22.tif
source=281306-8-Assignment-Executed#page23.tif
source=281306-8-Assignment-Executed#page24.tif
source=281306-8-Assignment-Executed#page25.tif

CONFIRMATORY ASSIGNMENT

THIS CONFIRMATORY PATENT ASSIGNMENT (the ***"Agreement"***), is made and entered into this 6th day of March, 2015, by and between Conversant Intellectual Property Management Inc. (***"Assignor"***) and GE Hybrid Technologies, LLC (***"Assignee"***) (each a ***"Party"*** and collectively the ***"Parties"***).

WHEREAS, Assignor, prior to December 19, 2014, was the owner of all rights, title and interest in and to the United States and foreign patents and patent applications as listed on Schedule A (United States patent properties) and Schedule B (foreign patent properties) hereto (collectively the "Patents");

WHEREAS, Assignor and Assignee by a Confidential Patent Purchase Agreement (the "Purchase Agreement") dated December 19, 2014, by and between Assignor and Assignee, the terms of which are incorporated herein by reference, effected Assignor to sell, transfer, assign and set over unto Assignee and also effected Assignee to accept, all rights, title and interest in and to the Patents as specified in the "Executed Assignment" dated December 19, 2014, the content of which is herein incorporated by reference in its entirety, and in this Agreement, including any and all related patents and patent applications of the Patents, such as reissues, reexaminations, reviews, extensions, continuations, continuations in part, continuing prosecution applications, provisionals and divisions of the Patents, including any foreign counterparts thereof and patents and patent applications that claim priority to any of the foregoing (said related patents and patent applications shall be referred to as "Related Patent Assets");

NOW, THEREFORE, in consideration of the mutual covenants and agreements of the Parties and pursuant to the Purchase Agreement, including Section 5.2, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, it is hereby agreed and confirmed to be agreed as follows:

I. ASSIGNMENT

1. Subject to the terms, rights, and obligations set forth in the Purchase Agreement and the Third Party Encumbrances, as that term is defined in the Purchase Agreement, Assignor confirms having sold, transferred, assigned and set over to Assignee all rights, title and interest (for all countries but subject to rights, duties, and obligations enumerated or identified in the Purchase Agreement) in and to the Patents, the Related Patent Assets and all rights and privileges associated therewith.

2. Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States, whose duty is to issue patents or other evidence or forms of industrial property on applications as aforesaid, to issue the same to Assignee.

3. Assignor agrees that, whenever reasonably requested by Assignee, Assignor will take reasonable efforts to execute all papers, take all rightful oaths, and do all acts which may be reasonably necessary for vesting title to the Patents and the Related Patent Assets in Assignee.

4. Assignor hereby consents that a copy of this Agreement shall be deemed a full legal assignment of the Patents and the Related Patent Assets to Assignee.

5. All of the rights, title and interest in and to the Patents and the Related Patent Assets sold, transferred, assigned and set over to Assignee hereunder include (subject to rights, duties, and obligations enumerated or identified in the Purchase Agreement and the Third Party Encumbrances and exclude all income, royalties, and payments now or hereafter due or payable with respect thereto) all causes of action (whether in law or equity) and the right to sue, counterclaim, seek injunctions, settle disputes, and recover damages for the past, present and future infringement of the rights assigned or to be assigned hereunder.

Assignor

By: Scott Burt

Assignee

By: PETER T. MOLLER
V.P.

Schedule A

UNITED STATES PATENTS AND PATENT APPLICATIONS

Title	Serial #	Filed Date	Patent #	Issue Date	Expiration Date
REAR DRIVE ELECTRIC VEHICLE	08/438,111	5/8/1995	5,562,178	10/8/1996	5/8/2015
SUPPRESSION OF MULTIPLE NOISE-RELATED SIGNALS IN PULSE WIDTH MODULATED SIGNALS	08/489,550	6/12/1995	5,637,971	6/10/1997	6/12/2015
VEHICLE DRIVE CONTROL SYSTEM	08/651,842	5/21/1996	5,808,427	9/15/1998	5/21/2016
CONTROL SYSTEM FOR A HYBRID VEHICLE	08/910,572	8/1/1997	5,898,282	4/27/1999	8/1/2017
METHOD AND APPARATUS FOR ADAPTIVE HYBRID VEHICLE CONTROL	09/494,812	1/31/2000	6,242,873	6/5/2001	1/31/2020
BATTERY OPERATING CONDITION DEPENDENT METHOD AND APPARATUS FOR CONTROLLING ENERGY TRANSFER BETWEEN AN ENERGY BUS AND A SYSTEM OF BATTERIES	10/062,452	2/5/2002	6,555,991	4/29/2003	2/5/2022
DISTRIBUTION OF SPACE-VECTOR PWM CONDUCTION LOSSES AT VERY LOW FREQUENCIES	60/240,552	10/13/2000			EXPIRED
SWITCHING SYSTEM	09/977,601	10/15/2001	6,643,149	11/4/2003	12/18/2021
CONTACTOR FEEDBACK AND PRECHARGE/DISCHARGE CIRCUIT	10/054,606	1/18/2002	6,768,621	7/27/2004	5/13/2022
PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE	10/097,297	3/15/2002	6,879,054	4/12/2005	5/22/2022

INVERTER-FILTER NON-LINEARITY BLANKING TIME AND ZERO CURRENT CLAMPING COMPENSATION SYSTEM AND METHOD	11/582,804	10/18/2006	7,397,675	7/8/2008	11/10/2026
INDIRECT ROTOR RESISTANCE ESTIMATION SYSTEM AND METHOD	11/724,904	3/16/2007	7,560,895	7/14/2009	2/5/2028
FILTER PACKAGE	11/590,322	10/31/2006	7,561,008	7/14/2009	3/25/2027
NON-LINEAR DROOP CONTROL SYSTEM AND METHOD FOR ISOCHRONOUS FREQUENCY OPERATION	11/440,509	5/25/2006	7,577,006	8/18/2009	6/25/2027
PROCESS AND APPARATUS FOR REDUCING NITROGEN OXIDE EMISSIONS IN GENSET SYSTEMS	60/798,901	5/9/2006			5/8/2007
PROCESS AND APPARATUS FOR REDUCING NITROGEN OXIDE EMISSIONS IN GENSET SYSTEMS	11/800,841	5/8/2007	7,728,448	6/1/2010	8/1/2028
FOUR-WINDING CHOKE	60/860,412	11/21/2006			11/21/2007
RFI/EMI FILTER FOR VARIABLE FREQUENCY MOTOR DRIVE SYSTEM	11/985,664	11/16/2007	7,741,798	6/22/2010	12/11/2028
METHOD, APPARATUS, SIGNALS, AND MEDIUM FOR MANAGING POWER IN A HYBRID VEHICLE	11/515,175	9/1/2006	7,826,939	11/2/2010	8/26/2029
METHOD, APPARATUS, SIGNALS, AND MEDIUM FOR MANAGING POWER IN A HYBRID VEHICLE	12/925,403	10/19/2010	8,738,203	5/27/2014	10/7/2028

METHOD, APPARATUS, SIGNALS, AND MEDIUM FOR MANAGING POWER IN A HYBRID VEHICLE	14/273,305	5/8/2014			9/1/2026
METHOD AND SYSTEM FOR MULTIPHASE CURRENT SENSING	12/011,671	1/29/2008	7,893,650	2/22/2011	2/21/2029
METHOD AND SYSTEM FOR MULTIPHASE CURRENT SENSING	13/774,415	2/22/2013			2/21/2029
METHODS OF SUPPLYING ENERGY TO AN ENERGY BUS IN A HYBRID ELECTRIC VEHICLE, AND APPARATUSES, MEDIA AND SIGNALS FOR THE SAME	10/084,331	2/28/2002	6,909,200	6/21/2005	12/20/2022
METHOD, APPARATUS, SIGNALS AND MEDIA, FOR SELECTING OPERATING CONDITIONS OF A GENSET	60/816,503	6/26/2006			EXPIRED
METHOD, APPARATUS, SIGNALS AND MEDIA, FOR SELECTING OPERATING CONDITIONS OF A GENSET	11/821,855	6/26/2007	8,346,416	1/1/2013	11/16/2029
METHOD, APPARATUS, SIGNALS AND MEDIA, FOR SELECTING OPERATING CONDITIONS OF A GENSET	13/674,624	11/12/2012	8,655,570	2/18/2014	6/26/2027
METHOD, APPARATUS, SIGNALS AND MEDIA, FOR SELECTING OPERATING CONDITIONS OF A GENSET	14/148,436	1/6/2014			6/26/2027

METHOD AND APPARATUS FOR STARTING AN ENGINE IN A HYBRID VEHICLE	11/606,481	11/30/2006	8,387,730	3/5/2013	11/27/2029
METHOD AND APPARATUS FOR STARTING AN ENGINE IN A HYBRID VEHICLE	13/758,019	2/4/2013			11/30/2026
METHOD AND APPARATUS FOR STARTING AN INTERNAL COMBUSTION ENGINE	12/735,049	12/11/2007	8,474,429	7/2/2013	4/5/2029
METHOD AND APPARATUS FOR STARTING AN INTERNAL COMBUSTION ENGINE	13/902,088	5/24/2013	8,839,754	9/23/2014	12/11/2027
APPARATUS AND METHOD FOR DELIVERING POWER IN A HYBRID VEHICLE	61/633,048	2/3/2012			2/3/2013
APPARATUS AND METHOD FOR DELIVERING POWER IN A HYBRID VEHICLE	14/375,396	7/29/2014			2/1/2033
PROGRAMMABLE GATE-CONTROLLER	61/463,606	2/18/2011			2/18/2012
PROGRAMMABLE GATE-CONTROLLER SYSTEM AND METHOD	13/385,403	2/17/2012			2/17/2032
METHOD AND APPARATUS FOR STARTING AN ENGINE IN A HYBRID VEHICLE	14/553,244	11/25/2014			11/30/2026

Schedule B

FOREIGN PATENTS AND PATENT APPLICATIONS

Title	Country ID	Serial #	Filed Date	Patent #	Issue Date	Expiration Date
A CONTROL SYSTEM FOR A HYBRID VEHICLE	CA	2,182,630	8/2/1996	2,182,630	2/11/2003	8/2/2016
METHOD AND APPARATUS FOR ADAPTIVE HYBRID VEHICLE CONTROL	CA	2,397,074	1/30/2001	2,397,074	1/22/2008	1/30/2021
METHOD AND APPARATUS FOR ADAPTIVE HYBRID VEHICLE CONTROL	DE	60117960.9	1/30/2001	1252036	3/15/2006	1/30/2021
METHOD AND APPARATUS FOR ADAPTIVE HYBRID VEHICLE CONTROL	EP	01902208.6	1/30/2001	1252036	3/15/2006	N/A
METHOD AND APPARATUS FOR ADAPTIVE HYBRID VEHICLE CONTROL	ES	01902208.6	1/30/2001	1252036	3/15/2006	1/30/2021
METHOD AND APPARATUS FOR ADAPTIVE HYBRID VEHICLE CONTROL	FR	01902208.6	1/30/2001	1252036	3/15/2006	1/30/2021
METHOD AND APPARATUS FOR ADAPTIVE HYBRID VEHICLE CONTROL	GB	01902208.6	1/30/2001	1252036	3/15/2006	1/30/2021
METHOD AND APPARATUS FOR ADAPTIVE HYBRID VEHICLE CONTROL	IT	01902208.6	1/30/2001	1252036	3/15/2006	1/30/2021
METHOD AND APPARATUS FOR ADAPTIVE HYBRID VEHICLE CONTROL	WO	PCT/CA2001/000101	1/30/2001			7/9/2002
METHOD AND APPARATUS FOR CONTROLLING ENERGY TRANSFER BETWEEN AN ENERGY BUS AND A BATTERY SYSTEM BASED UPON BATTERY OPERATING CONDITION	BR	PI0307462-5	2/4/2003			2/4/2023

METHOD AND APPARATUS FOR CONTROLLING ENERGY TRANSFER BETWEEN AN ENERGY BUS AND A BATTERY SYSTEM BASED UPON BATTERY OPERATING CONDITION	CA	2,473,817	2/4/2003	2,473,817	4/17/2012	2/4/2023
METHOD AND APPARATUS FOR CONTROLLING ENERGY TRANSFER BETWEEN AN ENERGY BUS AND A BATTERY SYSTEM BASED UPON BATTERY OPERATING CONDITION	CN	03803341.0	2/4/2003	ZL03803341.0	4/21/2010	2/4/2023
METHOD AND APPARATUS FOR CONTROLLING ENERGY TRANSFER BETWEEN AN ENERGY BUS AND A BATTERY SYSTEM BASED UPON BATTERY OPERATING CONDITION	DE	60328162.1	2/4/2003	1474858	7/1/2009	2/4/2023
METHOD AND APPARATUS FOR CONTROLLING ENERGY TRANSFER BETWEEN AN ENERGY BUS AND A BATTERY SYSTEM BASED UPON BATTERY OPERATING CONDITION	EP	03701403.2	2/4/2003	1474858	7/1/2009	N/A

METHOD AND APPARATUS FOR CONTROLLING ENERGY TRANSFER BETWEEN AN ENERGY BUS AND A BATTERY SYSTEM BASED UPON BATTERY OPERATING CONDITION	ES	03701403.2	2/4/2003	1474858	7/1/2009	2/4/2023
METHOD AND APPARATUS FOR CONTROLLING ENERGY TRANSFER BETWEEN AN ENERGY BUS AND A BATTERY SYSTEM BASED UPON BATTERY OPERATING CONDITION	FR	03701403.2	2/4/2003	1474858	7/1/2009	2/4/2023
METHOD AND APPARATUS FOR CONTROLLING ENERGY TRANSFER BETWEEN AN ENERGY BUS AND A BATTERY SYSTEM BASED UPON BATTERY OPERATING CONDITION	GB	03701403.2	2/4/2003	1474858	7/1/2009	2/4/2023
METHOD AND APPARATUS FOR CONTROLLING ENERGY TRANSFER BETWEEN AN ENERGY BUS AND A BATTERY SYSTEM BASED UPON BATTERY OPERATING CONDITION	HK	05105895.0	2/4/2003	1072506	12/10/2010	2/4/2023

METHOD AND CONTROLLING ENERGY TRANSFER BETWEEN AN ENERGY BUS AND A SYSTEM OF BATTERIES HAVING A PLURALITY OF SERIALLY CONNECTED RECHARGEABLE BATTERIES AND AN APPARATUS THEREFOR	IN	2454/DELNP/2004	2/4/2003	256204	5/15/2013	2/4/2023
METHOD AND APPARATUS FOR CONTROLLING ENERGY TRANSFER BETWEEN AN ENERGY BUS AND A BATTERY SYSTEM BASED UPON BATTERY OPERATING CONDITION	IT	03701403.2	2/4/2003	1474858	7/1/2009	2/4/2023
METHOD AND APPARATUS FOR CONTROLLING ENERGY TRANSFER BETWEEN AN ENERGY BUS AND A BATTERY SYSTEM BASED UPON BATTERY OPERATING CONDITION	MX	PA/a/2004/007532	2/4/2003	253022	1/4/2008	2/4/2023
METHOD AND APPARATUS FOR CONTROLLING ENERGY TRANSFER BETWEEN AN ENERGY BUS AND A BATTERY SYSTEM BASED UPON BATTERY OPERATING CONDITION	SG	200404109-1	2/4/2003	105418	8/31/2006	2/4/2023

METHOD AND APPARATUS FOR CONTROLLING ENERGY TRANSFER BETWEEN AN ENERGY BUS AND A BATTERY SYSTEM BASED UPON BATTERY OPERATING CONDITION	WO	PCT/CA2003/000188	2/4/2003			8/4/2004
PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE	BR	PI0308418-3	3/14/2003			3/14/2023
PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE	CA	2,477,072	3/14/2003	2,477,072	2/15/2011	3/14/2023
PRODUCING RECORDS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE	CA	2,723,043	3/14/2003	2,723,043	4/29/2014	3/14/2023

PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE	CN	03806123.6	3/14/2003	637790	6/9/2010	3/14/2023
PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE	DE	60315609.6	3/14/2003	1487654	8/15/2007	3/14/2023
PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE	EP	03744285.2	3/14/2003	1487654	8/15/2007	N/A
PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE	ES	03744285.2	3/14/2003	1487654	8/15/2007	3/14/2023

PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE	FR	03744285.2	3/14/2003	1487654	8/15/2007	3/14/2023
PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE	GB	03744285.2	3/14/2003	1487654	8/15/2007	3/14/2023
PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE	HK	05104704.4	3/14/2003	1071551	8/15/2007	3/14/2023
PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE	IN	2762/DELNP/2004	3/14/2003	258772	2/5/2014	3/14/2023

PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE	IT	03744285.2	3/14/2003	1487654	8/15/2007	3/14/2023
PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE	KR	10-2004-7014470	3/14/2003	1071961	10/4/2011	3/14/2023
PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE	MX	PA/a/2004/008834	3/14/2003	257932	6/16/2008	3/14/2023
PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE	SG	200405299-9	3/14/2003	106472	1/31/2007	3/14/2023

PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE	WO	PCT/CA2003/000358	3/14/2003			
INDIRECT ROTOR RESISTANCE ESTIMATION SYSTEM AND METHOD	BE	08742099.8	3/14/2008	2127065	5/21/2014	3/14/2028
INDIRECT ROTOR RESISTANCE ESTIMATION SYSTEM AND METHOD	CA	2,681,037	3/14/2008			3/14/2028
INDIRECT ROTOR RESISTANCE ESTIMATION SYSTEM AND METHOD	DE	602008032405.2	3/14/2008	2127065	5/21/2014	3/14/2028

INDIRECT ROTOR RESISTANCE ESTIMATION SYSTEM AND METHOD	EP	08742099.8	3/14/2008	2127065	5/21/2014	N/A
INDIRECT ROTOR RESISTANCE ESTIMATION SYSTEM AND METHOD	ES	08742099.8	3/14/2008	2127065	5/21/2014	3/14/2028
INDIRECT ROTOR RESISTANCE ESTIMATION SYSTEM AND METHOD	FR	08742099.8	3/14/2008	2127065	5/21/2014	3/14/2028
INDIRECT ROTOR RESISTANCE ESTIMATION SYSTEM AND METHOD	GB	08742099.8	3/14/2008	2127065	5/21/2014	3/14/2028
INDIRECT ROTOR RESISTANCE ESTIMATION SYSTEM AND METHOD	IT	08742099.8	3/14/2008	2127065	5/21/2014	3/14/2028
INDIRECT ROTOR RESISTANCE ESTIMATION SYSTEM AND METHOD	NL	08742099.8	3/14/2008	2127065	5/21/2014	3/14/2028
INDIRECT ROTOR RESISTANCE ESTIMATION SYSTEM AND METHOD	SE	08742099.8	3/14/2008	2127065	5/21/2014	3/14/2028
INDIRECT ROTOR RESISTANCE ESTIMATION SYSTEM AND METHOD	WO	PCT/US2008/003443	3/14/2008			
FILTER PACKAGE	CA	2,677,293	10/30/2007	2,677,293	2/7/2012	10/30/2027
FILTER PACKAGE	EP	07839836.9	10/30/2007			10/30/2027
FILTER PACKAGE	WO	PCT/US2007/022849	10/30/2007			
PROCESS AND APPARATUS FOR REDUCING NITROGEN OXIDE EMISSIONS IN GENSET SYSTEMS	BE	07719724.2	5/8/2007	2021219	3/27/2013	5/8/2027
PROCESS AND APPARATUS FOR REDUCING NITROGEN OXIDE EMISSIONS IN ENSET SYSTEMS	CA	2,650,224	5/8/2007	2,650,224	2/25/2014	5/8/2027

PROCESS AND APPARATUS FOR REDUCING NITROGEN OXIDE EMISSIONS IN GENSET SYSTEMS	DE	07719724.2	5/8/2007	602007029318.9	3/27/2013	5/8/2027
PROCESS AND APPARATUS FOR REDUCING NITROGEN OXIDE EMISSIONS IN GENSET SYSTEMS	EP	07719724.2	5/8/2007	2021219	3/27/2013	N/A
PROCESS AND APPARATUS FOR REDUCING NITROGEN OXIDE EMISSIONS IN GENSET SYSTEMS	EP	12197529.6	5/8/2007			5/8/2027
PROCESS AND APPARATUS FOR REDUCING NITROGEN OXIDE EMISSIONS IN GENSET SYSTEMS	EP	12197531.2	5/8/2007			5/8/2027
PROCESS AND APPARATUS FOR REDUCING NITROGEN OXIDE EMISSIONS IN GENSET SYSTEMS	ES	07719724.2	5/8/2007	2021219	3/27/2013	5/8/2027
PROCESS AND APPARATUS FOR REDUCING NITROGEN OXIDE EMISSIONS IN GENSET SYSTEMS	FR	07719724.2	5/8/2007	2021219	3/27/2013	5/8/2027
PROCESS AND APPARATUS FOR REDUCING NITROGEN OXIDE EMISSIONS IN GENSET SYSTEMS	GB	07719724.2	5/8/2007	2021219	3/27/2013	5/8/2027
PROCESS AND APPARATUS FOR REDUCING NITROGEN OXIDE EMISSIONS IN GENSET SYSTEMS	HK	13108878.5	5/8/2007			5/8/2027
PROCESS AND APPARATUS FOR REDUCING NITROGEN OXIDE EMISSIONS IN GENSET SYSTEMS	HK	13108877.6	5/8/2007			5/8/2027

PROCESS AND APPARATUS FOR REDUCING NITROGEN OXIDE EMISSIONS IN GENSET SYSTEMS	IT	07719724.2	5/8/2007	2021219	3/27/2013	5/8/2027
PROCESS AND APPARATUS FOR REDUCING NITROGEN OXIDE EMISSIONS IN GENSET SYSTEMS	MX	MX/a/2008/014288	5/8/2007	306284	12/18/2012	5/8/2027
PROCESS AND APPARATUS FOR REDUCING NITROGEN OXIDE EMISSIONS IN GENSET SYSTEMS	MX	MX/a/2012/014884	12/17/2012			12/17/2032
PROCESS AND APPARATUS FOR REDUCING NITROGEN OXIDE EMISSIONS IN GENSET SYSTEMS	NL	07719724.2	5/8/2007	2021219	3/27/2013	5/8/2027
PROCESS AND APPARATUS FOR REDUCING NITROGEN OXIDE EMISSIONS IN GENSET SYSTEMS	WO	PCT/CA2007/000800	5/8/2007			11/9/2008
RFI/EMI FILTER FOR VARIABLE FREQUENCY MOTOR DRIVE SYSTEM	CA	2,669,085	11/16/2007			11/16/2027
RFI/EMI FILTER FOR VARIABLE FREQUENCY MOTOR DRIVE SYSTEM	EP	07862110.9	11/16/2007			11/16/2027
RFI/EMI FILTER FOR VARIABLE FREQUENCY MOTOR DRIVE SYSTEM	WO	PCT/US2007/024151	11/16/2007			5/21/2009

METHOD, APPARATUS, SIGNAS AND MEDIUM FOR MANAGING POWER IN A HYBRID VEHICLE	CA	2,661,718	8/30/2007			8/30/2027
APPARATUS AND METHOD FOR MANAGING POWER IN A HYBRID VEHICLE	DE	602007017837.1	8/30/2007	2062220	10/12/2011	8/30/2027
APPARATUS AND METHOD FOR MANAGING POWER IN A HYBRID VEHICLE	EP	07800541.0	8/30/2007	2062220	10/12/2011	N/A
COST MINIMIZATION FOR HYBRID VEHICLE POWER MANAGEMENT	ES	07800541.0	8/30/2007	2062220	10/12/2011	8/30/2027
APPARATUS AND METHOD FOR MANAGING POWER IN A HYBRID VEHICLE	FR	07800541.0	8/30/2007	2062220	10/12/2011	8/30/2027
APPARATUS AND METHOD FOR MANAGING POWER IN A HYBRID VEHICLE	GB	07800541.0	8/30/2007	2062220	10/12/2011	8/30/2027
APPARATUS AND METHOD FOR MANAGING POWER IN A HYBRID VEHICLE	IT	07800541.0	8/30/2007	2062220	10/12/2011	8/30/2027
COST MINIMIZATION FOR HYBRID VEHICLE POWER MANAGEMENT	WO	PCT/CA2007/001516	8/30/2007			3/1/2009
METHOD AND SYSTEM FOR MULTIPHASE CURRENT SENSING	CA	2,713,403	1/12/2009			1/12/2029
METHOD AND SYSTEM FOR MULTIPHASE CURRENT SENSING	EP	09706033.9	1/12/2009			1/12/2029
METHOD AND SYSTEM FOR MULTIPHASE CURRENT SENSING	HK	11102762.9	1/12/2009			1/12/2029
METHOD AND SYSTEM FOR MULTIPHASE CURRENT SENSING	MX	MX/a/2010/008236	1/12/2009	289654	8/25/2011	1/12/2029

METHOD AND SYSTEM FOR MULTIPHASE CURRENT SENSING	WO	PCT/US2009/000174	1/12/2009			7/29/2010
METHODS OF SUPPLYING ENERGY TO AN ENERGY BUS IN A HYBRID ELECTRIC VEHICLE, AND APPARATUSES, MEDIA AND SIGNALS FOR THE SAME	BR	PI0307997-0	2/26/2003			2/26/2023
METHODS OF SUPPLYING ENERGY TO AN ENERGY BUS IN A HYBRID ELECTRIC VEHICLE, AND APPARATUSES, MEDIA AND SIGNALS FOR THE SAME	CA	2,475,597	2/26/2003	2,475,597	5/8/2012	2/26/2023
METHODS OF SUPPLYING ENERGY TO AN ENERGY BUS IN A HYBRID ELECTRIC VEHICLE, AND APPARATUSES, MEDIA AND SIGNALS FOR THE SAME	CN	03804797.7	2/26/2003	ZL03804797.7	9/8/2010	2/26/2023
METHODS OF SUPPLYING ENERGY TO AN ENERGY BUS IN A HYBRID ELECTRIC VEHICLE, AND APPARATUSES, MEDIA AND SIGNALS FOR THE SAME	DE	60327054.9	2/26/2003	1480848	4/8/2009	2/26/2023
METHODS OF SUPPLYING ENERGY TO AN ENERGY BUS IN A HYBRID ELECTRIC VEHICLE, AND APPARATUSES, MEDIA AND SIGNALS FOR THE SAME	EP	03704139.9	2/26/2003	1480848	4/8/2009	N/A

METHODS OF SUPPLYING ENERGY TO AN ENERGY BUS IN A HYBRID ELECTRIC VEHICLE, AND APPARATUSES, MEDIA AND SIGNALS FOR THE SAME	ES	03704139.9	2/26/2003	1480848	4/8/2009	2/26/2023
METHODS OF SUPPLYING ENERGY TO AN ENERGY BUS IN A HYBRID ELECTRIC VEHICLE, AND APPARATUSES, MEDIA AND SIGNALS FOR THE SAME	FR	03704139.9	2/26/2003	1480848	4/8/2009	2/26/2023
METHODS OF SUPPLYING ENERGY TO AN ENERGY BUS IN A HYBRID ELECTRIC VEHICLE, AND APPARATUSES, MEDIA AND SIGNALS FOR THE SAME	GB	03704139.9	2/26/2003	1480848	4/8/2009	2/26/2023
METHODS OF SUPPLYING ENERGY TO AN ENERGY BUS IN A HYBRID ELECTRIC VEHICLE, AND APPARATUSES, MEDIA AND SIGNALS FOR THE SAME	HK	05104550.9	2/26/2003	1071337	10/30/2009	2/26/2023
AN APPARATUS FOR SUPPLYING ENERGY TO ENERGY BUS IN A HYBRID ELECTRIC VEHICLE	IN	2730/DELNP/2004	2/26/2003	252489	5/17/2012	2/26/2023
METHODS OF SUPPLYING ENERGY TO AN ENERGY BUS IN A HYBRID ELECTRIC VEHICLE, AND APPARATUSES, MEDIA AND SIGNALS FOR THE SAME	KR	10-2004-7013397	2/26/2003	1043052	6/14/2011	2/26/2023

METHODS OF SUPPLYING ENERGY TO AN ENERGY BUS IN A HYBRID ELECTRIC VEHICLE, AND APPARATUSES, MEDIA AND SIGNALS FOR THE SAME	MX	PA/a/2004/008382	2/26/2003	254879	2/19/2008	2/26/2023

METHODS OF SUPPLYING ENERGY TO AN ENERGY BUS IN A HYBRID ELECTRIC VEHICLE, AND APPARATUSES, MEDIA AND SIGNALS FOR THE SAME	SG	200404870-8	2/26/2003	106307	3/28/2007	2/26/2023
METHODS OF SUPPLYING ENERGY TO AN ENERGY BUS IN A HYBRID ELECTRIC VEHICLE, AND APPARATUSES, MEDIA AND SIGNALS FOR THE SAME	WO	PCT/CA2003/000269	2/26/2003			8/28/2004
METHOD, APPARATUS, SIGNALS AND MEDIA, FOR SELECTING OPERATING CONDITIONS OF A GENSET	BE	07720049.1	6/26/2007	2035270	8/7/2013	6/26/2027
METHOD, APPARATUS, SIGNALS AND MEDIA, FOR SELECTING OPERATING CONDITIONS OF A GENSET	CA	2,659,087	6/26/2007			6/26/2027
METHOD, APPARATUS, SIGNALS AND MEDIA, FOR SELECTING OPERATING CONDITIONS OF A GENSET	DE	602007032113.1	6/26/2007	2035270	8/7/2013	6/26/2027
METHOD, APPARATUS, SIGNALS AND MEDIA, FOR SELECTING OPERATING CONDITIONS OF A GENSET	EP	07720049.1	6/26/2007	2035270	8/7/2013	N/A

METHOD, APPARATUS, SIGNALS AND MEDIA, FOR SELECTING OPERATING CONDITIONS OF A GENSET	EP	12197539.5	6/26/2007			6/26/2027
METHOD, APPARATUS, SIGNALS AND MEDIA, FOR SELECTING OPERATING CONDITIONS OF A GENSET	EP	12197542.9	6/26/2007			6/26/2027
METHOD, APPARATUS, SIGNALS AND MEDIA, FOR SELECTING OPERATING CONDITIONS OF A GENSET	ES	07720049.1	6/26/2007	2035270	8/7/2013	6/26/2027
METHOD, APPARATUS, SIGNALS AND MEDIA, FOR SELECTING OPERATING CONDITIONS OF A GENSET	FR	07720049.1	6/26/2007	2035270	8/7/2013	6/26/2027
METHOD, APPARATUS, SIGNALS AND MEDIA, FOR SELECTING OPERATING CONDITIONS OF A GENSET	GB	07720049.1	6/26/2007	2035270	8/7/2013	6/26/2027
METHOD, APPARATUS, SIGNALS AND MEDIA, FOR SELECTING OPERATING CONDITIONS OF A GENSET	HK	13112881.2	6/26/2007			6/26/2027
METHOD, APPARATUS, SIGNALS AND MEDIA, FOR SELECTING OPERATING CONDITIONS OF A GENSET	IE	07720049.1	6/26/2007	2035270	8/7/2013	6/26/2027

METHOD, APPARATUS, SIGNALS AND MEDIA, FOR SELECTING OPERATING CONDITIONS OF A GENSET	IT	07720049.1	6/26/2007	2035270	8/7/2013	6/26/2027
METHOD, APPARATUS, SIGNALS AND MEDIA, FOR SELECTING OPERATING CONDITIONS OF A GENSET	NL	07720049.1	6/26/2007	2035270	8/7/2013	6/26/2027
METHOD, APPARATUS, SIGNALS AND MEDIA, FOR SELECTING OPERATING CONDITIONS OF A GENSET	WO	PCT/CA2007/001135	6/26/2007			12/26/2008
METHOD AND APPARATUS FOR STARTING AN ENGINE IN A HYBRID VEHICLE	CA	2,666,723	10/24/2007			10/24/2027
METHOD AND APPARATUS FOR STARTING AN ENGINE IN A HYBRID VEHICLE	WO	PCT/CA2007/001906	10/24/2007			5/30/2009
METHOD AND APPARATUS FOR STARTING AN INTERNAL COMBUSTION ENGINE	CA	2,709,022	12/11/2007			12/11/2027
METHOD AND APPARATUS FOR STARTING AN INTERNAL COMBUSTION ENGINE	EP	07855634.7	12/11/2007			12/11/2027
METHOD AND APPARATUS FOR STARTING AN INTERNAL COMBUSTION ENGINE	HK	11103016.1	12/11/2007			12/11/2027
METHOD AND APPARATUS FOR STARTING AN INTERNAL COMBUSTION ENGINE	WO	PCT/CA2007/002354	12/11/2007			6/11/2010

PROGRAMMABLE GATE CONTROLLER SYSTEM AND METHOD	CA	2,769,814	2/27/2012			2/27/2032
APPARATUS AND METHOD FOR DELIVERING POWER IN A HYBRID VEHICLE	CN	TBD	2/1/2013			2/1/2033
APPARATUS AND METHOD FOR DELIVERING POWER IN A HYBRID VEHICLE	EP	13742879.3	2/1/2013			2/1/2033
APPARATUS AND METHOD FOR DELIVERING POWER IN A HYBRID VEHICLE	JP	TBD	2/1/2013			2/1/2033
APPARATUS AND METHOD FOR DELIVERING POWER IN A HYBRID VEHICLE	KR	10-2014-7024228	2/1/2013			2/1/2033
APPARATUS AND METHOD FOR DELIVERING POWER IN A HYBRID VEHICLE	WO	PCT/CA2013/000092	2/1/2013			7/29/2014
PROGRAMMABLE GATE-CONTROLLER SYSTEM AND METHOD	CN	201380009831.9	2/15/2013			2/15/2033
PROGRAMMABLE GATE-CONTROLLER SYSTEM AND METHOD	EP	13748730.2	2/15/2013			2/15/2033
PROGRAMMABLE GATE-CONTROLLER SYSTEM AND METHOD	JP	TBD	2/15/2013			2/15/2033
PROGRAMMABLE GATE CONTROLLER SYSTEM AND METHOD	KR	10-2014-7024754	2/15/2013			2/15/2033
PROGRAMMABLE GATE-CONTROLLER SYSTEM AND METHOD	WO	PCT/US2013/026325	2/15/2013			8/14/2014