# 503258077 04/09/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3304695

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:	14273305

### **CORRESPONDENCE DATA**

**Fax Number:** (972)731-2289

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:** 972-731-2288

**Email:** jchan@dfw.conleyrose.com **Correspondent Name:** J. ROBERT BROWN, JR.

Address Line 1: 5601 GRANITE PARKWAY, SUITE 500

Address Line 4: PLANO, TEXAS 75024

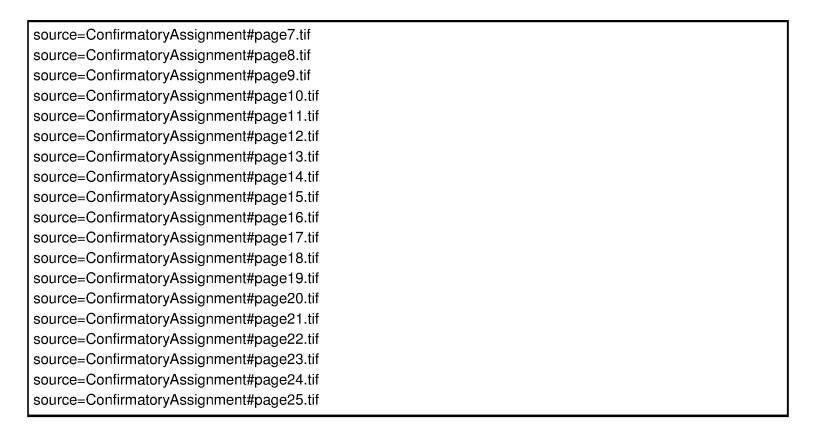
ATTORNEY DOCKET NUMBER:	4522-00102
NAME OF SUBMITTER:	J. ROBERT BROWN, JR.
SIGNATURE:	/J. Robert Brown, Jr./
DATE SIGNED:	04/09/2015

### **Total Attachments: 25**

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> PATENT REEL: 035373 FRAME: 0497

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PATENT REEL: 035373 FRAME: 0498

#### CONFIRMATORY ASSIGNMENT

THIS CONFIRMATORY PATENT ASSIGNMENT (the "Agreement"), is made and entered into this \_\_\_\_\_\_ th 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

- 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.
- 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.
- 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 sereunder.

Assignor

By: Scott Burt

Assignee

BY: PETER J. MOLLED

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

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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	Cou ntr y ID	Scrial #	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	I	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	P10307462-S	2/4/2003			2/4/2023

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METHOD AND	CA	2,473,817	2/4/2003	2,473,817	4/17/2012	2/4/2023
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METHOD AND	HK	05105895.0	2/4/2003	1072506	12/10/2010	7/4/2022
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OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE PROCESS, APPARATUS,	ES	03744285.2	3/14/2003	1487654	8/15/2007	3/14/2023
OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE PROCESS, APPARATUS, MEDIA AND	ES	03744285.2	3/14/2003	1487654	8/15/2007	3/14/2023
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HYBRID ELECTRIC						
VEHICLE TO						
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OPERATING		and the state of t				
CHARACTERISTICS						
OF THE VEHICLE						
PROCESS,	HK	05104704.4	3/14/2003	1071551	8/15/2007	3/14/2023
APPARATUS,					O. S.O. R. C.O.	2, 1, 1, 2, 2, 2
MEDIA AND						
SIGNALS FOR						4
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CONDITIONS OF A	3				1	
HYBRID ELECTRIC						
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VEHICLE TO						200
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VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS						
VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE	IN	2762/DELNP/2004	3/14/2003	258772	2/5/2014	3/14/2023
VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS	IN	2762/DELNP/2004	3/14/2003	258772	2/5/2014	3/14/2023
VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE PROCESS,	IN	2762/DELNP/2004	3/14/2003	258772	2/5/2014	3/14/2023
VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE PROCESS, APPARATUS,	IN	2762/DELNP/2004	3/14/2003	258772	2/5/2014	3/14/2023
VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE PROCESS, APPARATUS, MEDIA AND SIGNALS FOR	IN	2762/DELNP/2004	3/14/2003	258772	2/5/2014	3/14/2023
VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE PROCESS, APPARATUS, MEDIA AND	IN	2762/DELNP/2004	3/14/2003	258772	2/5/2014	3/14/2023
VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING	IN	2762/DELNP/2004	3/14/2003	258772	2/5/2014	3/14/2023
VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING	IN	2762/DELNP/2004	3/14/2003	258772	2/5/2014	3/14/2023
VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A	IN	2762/DELNP/2004	3/14/2003	258772	2/5/2014	3/14/2023
VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC	IN	2762/DELNP/2004	3/14/2003	258772	2/5/2014	3/14/2023
VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE	IN	2762/DELNP/2004	3/14/2003	258772	2/5/2014	3/14/2023
VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE OPERATING	IN	2762/DELNP/2004	3/14/2003	258772	2/5/2014	3/14/2023
VEHICLE TO OPTIMIZE OPERATING CHARACTERISTICS OF THE VEHICLE PROCESS, APPARATUS, MEDIA AND SIGNALS FOR CONTROLLING OPERATING CONDITIONS OF A HYBRID ELECTRIC VEHICLE TO OPTIMIZE	IN	2762/DELNP/2004	3/14/2003	258772	2/5/2014	3/14/2023

PROCESS, APPARATUS, MEDIA AND SIGNALS FOR	IT	03744285.2	3/14/2003	1487654	8/15/2007	3/14/2023
MEDIA AND		\$				
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	KR	10-2004-7014470	3/14/2003	1071961	10/4/2011	3/14/2023
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APPARATUS, MEDIA AND SIGNALS FOR	SG	200405299-9	3/14/2003	106472	1/31/2007	3/14/2023

PROCESS.	WO	PCT/CA2003/000358	3/14/2003	***************************************		
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OF THE VEHICLE						
INDIRECT ROTOR	BE	08742099.8	3/14/2008	2127065	5/21/2014	3/14/2028
RESISTANCE						
ESTIMATION						
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METHOD						1
INDIRECT ROTOR	CA	2,681,037	3/14/2008			3/14/2028
RESISTANCE						
ESTIMATION						1
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METHOD						
INDIRECT ROTOR	DE	602008032405.2	3/14/2008	2127065	5/21/2014	3/14/2028
RESISTANCE						
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INDIRECT ROTOR	EP	08742099.8	3/14/2008	2127065	5/21/2014	N/A
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INDIRECT ROTOR	ES	08742099.8	3/14/2008	2127065	5/21/2014	3/14/2028
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INDIRECT ROTOR RESISTANCE	FR	08742099.8	3/14/2008	2127065	5/21/2014	3/14/2028
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INDIRECT ROTOR	GB	08742099.8	3/14/2008	2127065	E /01 /001 A	2/14/2020
RESISTANCE	O.D	00772077.0	3/14/2000	212/003	5/21/2014	3/14/2028
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INDIRECT ROTOR	TIT	08742099.8	3/14/2008	2127065	5/21/2014	3/14/2028
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INDIRECT ROTOR	NL.	08742099.8	3/14/2008	2127065	5/21/2014	3/14/2028
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INDIRECT ROTOR	wo	PCT/US2008/003443	3/14/2008			
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FILTER PACKAGE	CA	2,677,293	10/30/2007	2 627 202	2/2/2012	10/20/2027
FILTER PACKAGE	L			2,677,293	2/7/2012	10/30/2027
	EP	07839836.9	10/30/2007			10/30/2027
FILTER PACKAGE	WO	PCT/US2007/022849	10/30/2007	*******		
PROCESS AND	BE	07719724.2	5/8/2007	2021219	3/27/2013	5/8/2027
APPARATUS FOR						
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NITROGEN OXIDE						
EMISSIONS IN						
GENSET SYSTEMS PROCESS AND		7 / 60 234	r la ranno	2 (22 22	0.00 5 50 0.1	
APPARATUS FOR	CA	2,650,224	5/8/2007	2,650,224	2/25/2014	5/8/2027
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APPARATUS FOR				18.9		
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NITROGEN OXIDE						
EMISSIONS IN				•		***
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PROCESS AND	EP	07719724.2	5/8/2007	2021219	3/27/2013	N/A
APPARATUS FOR			0.0.20	~~~		1
REDUCING	*					
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EMISSIONS IN						
GENSET SYSTEMS	5					
PROCESS AND	EP	12197529.6	5/8/2007	<b></b>		E 10 10000
APPARATUS FOR	1-1	12.197323.0	3/8/2007		-	5/8/2027
REDUCING						
NITROGEN OXIDE						· ·
EMISSIONS IN		· ·				
GENSET SYSTEMS	-	400000000000000000000000000000000000000	F (0 to - 0 =		***************************************	
PROCESS AND	EP	12197531.2	5/8/2007			5/8/2027
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EMISSIONS IN		***************************************				
GENSET SYSTEMS						
PROCESS AND	ES	07719724.2	5/8/2007	2021219	3/27/2013	5/8/2027
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NITROGEN OXIDE				***************************************		
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PROCESS AND	FR	07719724.2	5/8/2007	2021219	3/27/2013	5/8/2027
APPARATUS FOR						
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NITROGEN OXIDE						
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EMISSIONS IN		***				
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PROCESS AND	HK	13108878.5	5/8/2007	<b></b>		E/9/2022
APPARATUS FOR	1776	13100070.3	3/0/200/			5/8/2027
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REDUCING NITROGEN OXIDE						
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GENSET SYSTEMS		1.7.1.00.007	A 10 11 5 - 5		***************	
PROCESS AND	HK	13108877.6	5/8/2007			5/8/2027
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GENSET SYSTEMS						
PROCESS AND	MX	MX/a/2008/014288	5/8/2007	306284	12/18/2012	5/8/2027
APPARATUS FOR				3.00207	150,100,2012	JOULEUR
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PROCESS AND	MX	MX/a/2012/014884	12/17/2012			10/17/2020
APPARATUS FOR	2457.7	MENNETH TO THE MOOT	12/11/2012			12/17/2032
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PROCESS AND	wo	Devier Lagranana	Cin innas	***************************************		
1	WO	PCT/CA2007/000800	5/8/2007		***************************************	11/9/2008
APPARATUS FOR REDUCING					•	
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GENSET SYSTEMS		A 360 050				
RFI/EMI FILTER	CA	2,669,085	11/16/2007			11/16/2027
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SYSTEM	'Amusia		***************************************	ANNA ANA ANA ANA ANA ANA ANA ANA ANA AN		
RFI/EMI FILTER	EP	07862110.9	11/16/2007			11/16/2027
FOR VARIABLE						
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RFI/EMI FILTER	wo	PCT/US2007/024151	11/16/2007			5/21/2009
FOR VARIABLE						
FREQUENCY				•		
MOTOR DRIVE						
SYSTEM						

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	II	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

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METHOD AND	wo	PCT/US2009/000174	1/12/2009	***************************************		7/29/2010
SYSTEM FOR						
MULTIPHASE						
CURRENT SENSING						
METHODS OF	BR	PI0307997-0	2/26/2003			2/26/2023
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VEHICLE, AND						
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METHODS OF	CA	2,475,597	2/26/2003	2,475,597	5/8/2012	2/26/2023
SUPPLYING				_,,		20,2020
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ENERGY BUS IN A						
HYBRID ELECTRIC						
VEHICLE, AND						
APPARATUSES,						
MEDIA AND						
SIGNALS FOR THE						
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METHODS OF	CN	03804797.7	2/26/2003	ZL03804797.	9/8/2010	2/26/2023
SUPPLYING	071	03004,31,7	2/20/2003	ZL03004797.	37072010	2/20/2023
ENERGY TO AN				,		
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HYBRID ELECTRIC						
VEHICLE, AND						
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METHODS OF	DE	60327054.9	2/22/22/2	1 1000 10	4 (5) (5) 5	
SUPPLYING	DE	00327034.9	2/26/2003	1480848	4/8/2009	2/26/2023
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METHODS OF	HK	05104550.9	2/26/2003	1071337	10/30/2009	2/26/2023
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METHODS OF	KR	10-2004-7013397	2/26/2003	1043052	6/14/2011	2/26/2023
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METHODS OF	MX	PA/a/2004/008382	2/26/2003	254879	2/19/2008	2/26/2023
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METHOD,	BE	07720049.1	C 19 C 19 9 9 9	0000000	6.00.000	6/3 5/2 6 8 8
APPARATUS,	BE	07720049.1	6/26/2007	2035270	8/7/2013	6/26/2027
SIGNALS AND		***************************************				
MEDIA, FOR					- Control of the Cont	
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METHOD,	CA	2,659,087	6/26/2007			6/26/2027
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METHOD,	DE	602007032113.1	6/26/2007	2035270	8/7/2013	6/26/2027
APPARATUS,						
SIGNALS AND						
MEDIA, FOR						
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CONDITIONS OF A						
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METHOD,	EP	07720049.1	6/26/2007	2035270	8/7/2013	N/A
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METHOD,	EP	12197542.9	6/26/2007			6/26/2027
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METHOD,	ES	07720049.1	6/26/2007	2035270	9/7/2013	C/0C/3039
APPARATUS.		VIIAVOTEL	WAWAUU	2033270	8/7/2013	6/26/2027
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METHOD,	FR	07720049.1	6/26/2007	2035270	8/7/2013	6/26/2027
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SIGNALS AND					1	
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METHOD,	GB	07720049.1	6/26/2007	2035270	8/7/2013	6/26/2027
APPARATUS,		Production				
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METHOD,	HK	13112881.2	6/26/2007	***************************************		6/06/2027
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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	10/24/200 7			10/24/2027
METHOD AND APPARATUS FOR STARTING AN ENGINE IN A HYBRID VEHICLE	wo	PCT/CA2007/001906	10/24/200 7			5/30/2009
METHOD AND APPARATUS FOR STARTING AN INTERNAL COMBUSTION ENGINE	CA	2,709,022	12/11/200 7			12/11/2027
METHOD AND APPARATUS FOR STARTING AN INTERNAL COMBUSTION ENGINE	EP	07855634.7	12/11/200 7			12/11/2027
METHOD AND APPARATUS FOR STARTING AN INTERNAL COMBUSTION ENGINE	HK	11103016.1	12/11/200 7			12/11/2027
METHOD AND APPARATUS FOR STARTING AN INTERNAL COMBUSTION ENGINE	WO	PCT/CA2007/002354	12/11/200 7			6/11/2010

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APPARATUS AND	CN	TBD	2/1/2013	*****************	2/1/2033
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APPARATUS AND	EP	13742879.3	2/1/2013		01110000
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APPARATUS AND	KR	10-2014-7024228	2/1/2013		2/1/2033
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PROGRAMMABLE	EP	13748730.2	2/15/2013	*******	8/15/10000
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