

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	REMY TECHNOLOGIES, LLC	08/11/2017
RECEIVING PARTY DATA		
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PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16136407
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DATE SIGNED:	01/15/2020	
Total Attachments: 16		
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ASSIGNMENT

WHEREAS, **REMY TECHNOLOGIES, L.L.C**, having a principle place of business located at 600 Corporation Drive, 2nd Floor Pendleton, Indiana 46064, is the owner of U.S. Patent Applications listed in Appendix A, and the inventions described therein, along with any other applications and registrations from the invention in any and all countries (collectively, the "Patents"); and

WHEREAS, **BorgWarner Inc.**, a corporation of Delaware having a place of business at 3850 Hamlin Road, Auburn Hills, Michigan 48326, is desirous of acquiring the entire worldwide right, title and interest in said applications and to the INVENTION and in and to any and all patent applications and patents directed thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each of the undersigned, hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred and other good and valuable consideration, We hereby assign to said corporation, both in and for the territory of the United States of America and the entire world, all my title and interest in and to said invention, patent application and any patent which may issue thereon, including all divisions, continuations, reissues, continuations-in-part and substitutions thereof, plus all priority rights for patent applications foreign to the United States of America. We further hereby assign and transfer to said corporation whatever cause of action We may have for past or present infringement of said invention, together with the right to bring suit for any such infringement and to seek and receive damages and other relief arising from any such infringement.

WE hereby covenant and agree that We will at any time, upon the request of said corporation, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention, applications and patents, and We authorize the Commissioner of Patents and Trademarks to issue Letters patent to said corporation.

WE hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

EXECUTED this 17th day of August, 2017.

REMY TECHNOLOGIES, L.L.C

Fara Karam

Name: Fara Karam

Title: Assistant Secretary

APPENDIX A

Attorney Docket Number	Application Number	Date Filed	Patent Number	Title
DKT99128	09/420977	10/20/1999	6215285	APPARATUS AND METHOD FOR PROVIDING AN OUTPUT SIGNAL INDICATIVE OF ENGINE ROTATIONAL SPEED AND / OR GENERATOR ROTATIONAL SPEED
DKT99129	09/420981	10/20/1999	6225790	APPARATUS AND METHOD FOR MOTION - BASED ACTIVATION OF A VOLTAGE REGULATOR
DKT00160	09/482234	01/13/2000	6278213	HIGH FILL STATOR DESIGN
DKT00161	09/482368	01/13/2000	6351046	COMPACT DYNAMOELECTRIC MACHINE
DKT01151	09/841616	05/02/2001	6483277	COMMON PIN VOLTAGE REGULATOR
DKT01154	09/908478	07/18/2001	6534990	VOLTAGE REGULATOR WAKE UP CONTROL USING FREQUENCY DETECTION
DKT01156	09/952539	09/14/2001	6545243	DYNAMIC WELD POWER TERMINATION FOR HOT-STAKING ARMATURE COMMUTATORS
DKT01153	09/903317	07/11/2001	6552638	SEMI-SOLID LINK SOLENOID
DKT01158	10/002167	12/05/2001	6630760	COAXIAL STARTER MOTOR ASSEMBLY HAVING A RETURN SPRING SPACED FROM THE PINION SHAFT
DKT01149	09/773274	01/31/2001	6630765	COIL LEAD AND TERMINAL SECUREMENT CAPS FOR SECURING WIRES OF A ROTOR
DKT01159	10/002166	12/05/2001	6633099	STARTING MOTOR ENGAGEMENT AND DISENGAGEMENT METHOD
DKT01150	09/795201	02/27/2001	6651309	METHOD FOR FABRICATING A HIGHLY - DENSE POWDER IRON PRESSED STATOR CORE FOR USE IN ALTERNATING CURRENT GENERATORS AND ELECTRIC MOTORS
DKT01152	09/900248	07/06/2001	6703758	ROTOR FOR AN AC GENERATOR
DKT02202	10/316771	12/11/2002	6707227	HIGH POWER ALTERNATOR FIELD COIL
DKT03192	10/124127	04/17/2002	6707691	COMPACT RECTIFIER BRIDGE AND METHOD FOR MANUFACTURING THE SAME
DKT02200	10/266835	10/08/2002	6731031	APPARATUS AND METHOD FOR HEAT SINK DEVICE

DKT01155	09/924802	08/08/2001	6742238	FLARE TOOTH STATOR FOR AN AC GENERATOR
DKT02198	10/234113	09/05/2002	6744146	ELECTRICAL CIRCUIT FOR PROVIDING A REDUCED AVERAGE VOLTAGE
DKT02197	10/354635	01/29/2003	6781262	GENERATOR AND AIR DEFLECTOR
DKT02203	10/324319	12/19/2002	6787961	AUTOMOTIVE ALTERNATOR STATOR ASSEMBLY WITH VARYING END LOOP HEIGHT BETWEEN LAYERS
DKT03193	10/354634	01/29/2003	6800972	GENERATOR AND FAN
DKT04182	10/782423	02/18/2004	6806617	CLAW - POLE ALTERNATOR ENHANCING POLE SURFACE
DKT03197	10/635179	08/06/2003	6812602	APPARATUS AND METHOD FOR RETAINING A COOLING FAN
DKT02201	10/282782	10/29/2002	6825586	ONE PIECE STATOR LEAD AND TERMINAL INSULATOR
DKT03194	10/382667	03/06/2003	6828703	DIODE INTERCONNECTION IN AN ALTERNATOR RECTIFIER
DKT01148	09/765184	01/18/2001	6864667	STATOR WINDING PATTERN FOR REDUCED MAGNETIC NOISE
DKT03196	10/443441	05/22/2003	6882077	STATOR WINDING HAVING A CASCADED END LOOPS
DKT04186	10/899338	07/26/2004	6885124	STATOR WINDING HAVING RADIAL ALIGNED WRAPS
DKT02199	10/264778	10/04/2002	6888271	HIGH POWER DENSITY ALTERNATOR BOBBIN
DKT03195A	10/438429	05/15/2003	6894417	MULTI-SET RECTANGULAR COPPER HAIRPIN WINDINGS FOR ELECTRIC MACHINE
DKT03198A	10/702029	11/04/2003	6911750	ELECTRONIC PACKAGE FOR ELECTRICAL MACHINE
DKT03199	10/723527	11/26/2003	6930426	ALTERNATOR STATOR HAVING A MULTIPLE FILAR CONSTRUCTION TO IMPROVE CONVECTIVE COOLING
DKT04183	10/848908	05/19/2004	6940202	ELECTRICAL MACHINE HAVING A STATOR WINDING WITH A PLUARALITY OF FILARS
DKT04192	10/996496	11/23/2004	6989622	ALTERNATOR HAVING CLAW - POLE ROTOR
DKT03198B	11/125022	05/09/2005	6995486	ELECTRONIC PACKAGE FOR ELECTRICAL MACHINE
DKT05219	11/100012	04/06/2005	7005772	STATOR WINDING HAVING TWO SLOTS PER PHASE PER POLE
DKT04187	10/899739	07/27/2004	7015608	METHOD AND APPARATUS TO SUPPRESS ELECTRICAL NOISE IN A ROTOR ASSEMBLY FOR AN ELECTRICAL MACHINE

DKT05222	11/130641	05/16/2005	7034428	MULTI - SET RECTANGULAR COPPER HAIRPIN WINDINGS FOR ELECTRIC MACHINE
DKT04191	10/988036	11/12/2004	7042129	STATOR OF A ROTARY ELECTRIC MACHINE HAVING SECURED CORE SLOT INSULATORS
DKT05215	11/046400	01/28/2005	7078837	METHOD AND APPARATUS FOR CONTAMINATION PROTECTION FOR BEARING ASSEMBLY
DKT04184	10/869740	06/16/2004	7081697	DYNAMOELECTRIC MACHINE STATOR CORE WITH MINI CAPS
DKT04190A	10/985819	11/10/2004	7145259	ENGINE STARTING MOTOR ANTI - MILLING DEVICE
DKT05221	11/114665	04/26/2005	7202639	APPARATUS FOR DETERMINING WEAR IN THE FRICTIONAL COMPONENTS OF AN ALTERNATOR
DKT04193	11/018652	12/21/2004	7256364	METHOD FOR SIMULTANEOUS RESISTANCE BRAZING OF ADJACENT CONDUCTOR JOINTS
DKT04188	10/915604	08/10/2004	7269888	METHOD OF MAKING CASCADED MULTILAYER STATOR WINDING WITH INTERLEAVED TRANSITIONS
DKT05218	11/071439	03/04/2005	7274121	SYSTEMS AND METHODS FOR FASTENING INTERNAL COOLING FANS TO CLAW - POLE ELECTRO - MECHANICAL MACHINES
DKT07147	11/676817	02/20/2007	7283899	VEHICLE ALTERNATOR AND METHODS FOR CONTROLLING TORQUE LOADING OF THE VEHICLE ALTERNATOR ON AN ENGINE
DKT05216	11/056875	02/11/2005	7345391	METHOD AND APPARATUS FOR ATTACHMENT OF A COVER FOR A DYNAMOELECTRIC MACHINE
DKT05224	11/187138	07/21/2005	7348705	MULTI - PHASE FRACTIONAL SLOT WINDINGS FOR ELECTRIC MACHINES HAVING SEGMENTED BAR - SHAPED WINDINGS
DKT05225A	11/217639	09/01/2005	7352091	ELECTRONIC PACKAGE FOR ELECTRICAL MACHINE
DKT05226	11/242544	10/03/2005	7352583	FLEX LEAD FOR A PRESS FIT DIODE BRIDGE
DKT05220	11/099874	04/06/2005	7365467	LOW NOISE STATOR WINDING HAVING A PHASE ANGLE SHIFT
DKT05227	11/260136	10/28/2005	7365471	INTERNAL COOLING FAN WITH A NON-REPEATING BLADE CONFIGURATION
DKT05225B	11/749330	05/16/2007	7417344	ELECTRONIC PACKAGE FOR ELECTRICAL MACHINE
DKT06214	11/539418	10/06/2006	7420353	METHOD AND SYSTEM FOR COMMUNICATING VOLTAGE REGULATOR SWITCHING INFORMATION TO A VEHICLE

				COMPUTER
DKT06208A	11/498380	08/01/2006	7456616	CURRENT SENSOR FOR ELECTRIC MACHINE CONTROL
DKT06212	11/544082	10/06/2006	7466056	DYNAMOELECTRIC MACHINE BRUSH HOLDER ASSEMBLY AND METHOD
DKT04189	10/921160	08/19/2004	7525404	MOISTURE EXHAUSTING MEMBRANE IN ELECTRICAL SOLENOID
DKT07148	11/789134	04/24/2007	7531925	HIGH CURRENT CAPACITY RECTIFIER PACKAGE
DKT06205A	11/405496	04/18/2006	7573155	SYSTEMS AND METHODS FOR DISTRIBUTING LEADS
DKT06206	11/437177	05/19/2006	7583005	ELECTRIC MACHINE ROTOR POLE PIECE WITH ANTI - COIL ROTATION
DKT06215	11/539425	10/06/2006	7583062	METHOD AND SYSTEM FOR PROTECTING VOLTAGE REGULATOR DRIVER CIRCUITRY DURING FIELD COIL SHORT CIRCUIT CONDITION
DKT07150A	11/811472	06/11/2007	7622843	TERMINALS AND CONNECTIONS BETWEEN MULTI - SET SEGMENTED HAIRPIN WINDINGS
DKT06213	11/539402	10/06/2006	7623331	METHOD AND SYSTEM FOR IMPROVING VOLTAGE REGULATOR ACCURACY IN VEHICLE ALTERNATORS
DKT06207	11/442841	05/30/2006	7624768	METHOD AND APPARATUS FOR FORMING A WIRE TO INCLUDE COIL SEGMENTS
DKT06204	11/394258	03/30/2006	7687952	BRUSHLESS ALTERNATOR WITH STATIONARY SHAFT
DKT06209	11/511789	08/29/2006	7687954	BRUSHLESS ELECTRIC MACHINE WITH STATOR WITH CASCADED END LOOPS
DKT09120	12/478879	06/05/2009	7694909	METHOD OF WINDING A FLEXIBLE CORE
DKT06211	11/544083	10/06/2006	7696666	DYNAMOELECTRIC MACHINE GROMMET
DKT06216	11/544081	10/06/2006	7705512	DYNAMOELECTRIC MACHINE CONDUCTOR
DKT09121	12/478829	06/05/2009	7712697	CORE WINDING APPARATUS AND METHOD OF WINDING A CORE
DKT08180	12/235017	09/22/2008	7759838	COIL SUPPORT FOR ROTATING ELECTRICAL MACHINE
DKT06203	11/390485	03/27/2006	7788790	METHOD FOR FORMING A STATOR CORE
DKT09118	12/415255	03/31/2009	7789337	METHOD OF WINDING AN ELECTRIC MOTOR CORE MACHINE

DKT06210	11/543624	10/05/2006	7808137	SINGLE TRACK LAYER STATOR TERMINAL ASSEMBLY
DKT07156	11/853177	09/11/2007	7808148	STATOR WINDING ASSEMBLY AND METHOD
DKT07157A	11/872249	10/15/2007	7821166	DYNAMOELECTRIC MACHINE INSULATOR AND METHOD
DKT06217	11/585960	10/25/2006	7828687	MODULAR PLANETARY GEAR ASSEMBLY AND DRIVE
DKT07154A	11/782322	07/24/2007	7849755	STARTER MOTOR WITH BI - DIRECTIONAL CLUTCH
DKT07151A	11/811722	08/12/2007	7851958	ELECTRIC MACHINE WITH INTERIOR PERMANENT MAGNETS
DKT05223	11/166264	06/27/2005	7877863	METHODS AND SYSTEMS FOR ROUTING CONDUCTORS IN ELECTRO - MECHANICAL MACHINES
DKT07153	11/772323	07/02/2007	7919892	BRUSHLESS ELECTRIC MACHINE WITH STATIONARY SHAFT AND METHOD OF MAKING SAME
DKT08173A	12/048327	03/14/2008	7948126	LIQUID COOLING SYSTEM OF AN ELECTRIC MACHINE
DKT08179	12/230755	09/04/2008	7954469	MAGNETIC BRAKE SYSTEM FOR STARTER MOTOR
DKT07149	11/741423	04/27/2007	7973444	ELECTRIC MACHINE AND ROTOR FOR THE SAME
DKT09116	12/371032	02/13/2009	7982357	BRUSH HOLDER ASSEMBLY FOR A DYNAMO - ELECTRIC MACHINE
DKT08176	12/164106	06/30/2008	7982564	STARTER SOLENOID WITH VIBRATION RESISTANT FEATURES
DKT07152	11/771185	06/29/2007	7982565	INTEGRATED SOLENOID AND IGNITION MAGNETIC SWITCH
DKT08172	12/076031	03/13/2008	7986053	24 - VOLT ENGINE START - UP SYSTEM
DKT08177	12/177237	07/22/2008	8044549	SPOOL ASSEMBLY FOR AN ELECTRIC MACHINE
DKT09117	12/402105	03/11/2009	8080980	ALTERNATOR REGULATOR WITH AUTOMATIC REGULATION DEPENDENT ON SYSTEM VOLTAGE
DKT08174	12/052932	03/21/2008	8082770	APPARATUS AND METHOD FOR FORMING WIRE LOOPS FOR A DYNAMOELECTRIC MACHINE
DKT09124	12/621174	11/18/2009	8096046	APPARATUS FOR LOADING STATOR WINDINGS INTO A STATOR CORE
DKT08175	12/146669	06/26/2008	8102145	INTERNAL PACKAGED ALTERNATOR WITH MICROPROCESSOR CONTROLLED MULTI - INPUT REGULATOR

DKT08177A	12/906561	10/18/2010	8106559	SPOOL ASSEMBLY FOR AN ELECTRIC MACHINE
DKT07155	11/832949	08/02/2007	8138649	MAGNET SUPPORT AND RETENTION SYSTEM FOR HYBRID ROTORS
DKT10151	12/685966	01/12/2010	8151447	APPARATUS FOR LOADING STATOR WINDINGS INTO A STATOR CORE
DKT10157	12/779431	05/13/2010	8228145	INTEGRATED MAGNETIC SWITCH ASSEMBLY FOR A VEHICLE STARTER SOLENOID AND METHOD OF FORMING AN INTEGRATED MAGNETIC SWITCH ASSEMBLY
DKT10160	12/796557	06/08/2010	8269383	ELECTRIC MACHINE COOLING SYSTEM AND METHOD
DKT10155	12/763859	04/20/2010	8269384	ALTERNATOR WITH DUAL AXIAL AIR FLOW
DKT09124A	13/198939	08/05/2011	8281481	METHOD FOR LOADING STATOR WINDINGS INTO A STATOR CORE
DKT09124B	13/198949	08/05/2011	8291577	APPARATUS FOR LOADING STATOR WINDINGS INTO A STATOR CORE
DKT08171	12/045882	03/11/2008	8297101	APPARATUS AND METHOD FOR FORMING WIRE LOOPS FOR A DYNAMOELECTRIC MACHINE
DKT09119A	12/419823	04/07/2009	8327677	METHOD AND DEVICE FOR BENDING ELECTRIC MACHINE CONDUCTORS
DKT08181	12/271365	11/14/2008	8330430	ALTERNATOR REGULATOR WITH VARIABLE ROTOR FIELD FREQUENCY
DKT10152	12/691082	01/21/2010	8339000	ELECTRIC MACHINE WITH ISOLATED GROUND ELECTRONICS
DKT10163	12/841434	07/22/2010	8344579	RADIAL PIN COUPLED HUB AND RIM ASSEMBLY
DKT11230	13/291574	11/08/2011	8344833	ELECTRIC MACHINE INCLUDING A SWITCH TERMINAL AND METHOD OF CONNECTING AN END PORTION OF A WIRE TO A TERMINAL OF AN ELECTRIC MACHINE
DKT09123	12/616416	11/11/2009	8362665	LIQUID COOLED STATOR TERMINAL BLOCK FOR AN ELECTRIC MACHINE
DKT10172	12/886978	09/21/2010	8362862	STARTER MOTOR ASSEMBLY WITH SOFT START SOLENOID
DKT10168	12/879618	09/10/2010	8378550	ELECTRIC MACHINE INCLUDING A STATOR HAVING A STATOR SLEEVE AND METHOD OF COOLING A STATOR

DKT10179	12/897663	10/04/2010	8395287	COOLANT CHANNELS FOR ELECTRIC MACHINE STATOR
DKT10171	12/886021	09/20/2010	8415910	SWITCH MODULE FOR AN ELECTRIC MACHINE HAVING SWITCHABLE STATOR WINDINGS
DKT10156	12/767710	04/26/2010	8416039	SOLENOID WITH REVERSE TURN SPOOL HUB PROJECTION
DKT10191	12/950553	11/19/2010	8419588	LOCKING RING FOR A PLANETARY GEAR SET INCORPORATED INTO A TRANSMISSION MEMBER
DKT10175	12/887308	09/21/2010	8421565	STARTER MOTOR SOLENOID WITH VARIABLE RELUCTANCE PLUNGER
DKT10189	12/950602	11/19/2010	8430776	ANTI - ROTATION PIN FOR A PLANETARY GEAR UTILIZING A TWO - PIECE CARRIER
DKT10187	12/950516	11/19/2010	8430781	GEAR LASH CONTROL MEMBER FOR A DIFFERENTIAL GEAR SET AND METHOD OF ESTABLISHING GEAR LASH
DKT10167	12/860976	08/23/2010	8432074	DISK STYLE CENTRIFUGAL PUMP
DKT11202	13/007243	01/14/2011	8432075	ELECTRIC MACHINE HAVING AN INTEGRATED COOLANT LEVEL SENSOR
DKT10188	12/950489	11/19/2010	8438732	METHOD OF ASSEMBLING A DIFFERENTIAL GEARSET
DKT10176	12/893698	09/29/2010	8446056	ELECTRIC MACHINE COOLING SYSTEM AND METHOD
DKT10184A	12/947186	11/16/2010	8449429	REVERSIBLE PLANETARY GEAR ASSEMBLY
DKT09125	12/627294	11/30/2009	8450890	ROTATING DIRECTIONAL COOLANT SPRAY FOR ELECTRIC MACHINE
DKT10165	12/858800	08/18/2010	8456044	MATERIAL MATRIX FOR COOLING MEDIA ENHANCEMENT
DKT10161	12/796596	06/08/2010	8456046	GRAVITY FED OIL COOLING FOR AN ELECTRIC MACHINE
DKT10174	12/887168	09/21/2010	8477001	STARTER SOLENOID WITH RECTANGULAR COIL WINDING
DKT10181	12/939313	11/04/2010	8482166	ELECTRIC MACHINE SYSTEM INCLUDING AN ALTERNATING CURRENT (AC) ELECTRIC MACHINE HAVING AN EXPANDALE COOLANT MANIFOLD
DKT10193	12/966778	12/13/2010	8482169	ELECTRIC MACHINE COOLING SYSTEM AND METHOD
DKT10178	12/897677	10/04/2010	8492952	COOLANT CHANNELS FOR ELECTRIC MACHINE STATOR

DKT11200	13/007181	01/14/2011	8497607	ELECTRIC MACHINE WITH INTEGRATED COOLANT TEMPERATURE SENSOR
DKT11205	13/016940	01/28/2011	8497608	ELECTRIC MACHINE COOLING SYSTEM AND METHOD
DKT10177	12/897667	10/04/2010	8508085	INTERNAL COOLING OF STATOR ASSEMBLY IN AN ELECTRIC MACHINE
DKT11204	13/010898	01/21/2011	8513541	METHOD OF BLOCKING ELECTRO - MAGNETIC INTERFERENCE (EMI) IN AN ELECTRIC MACHINE AND APPARATUS
DKT11212A	13/101049	05/04/2011	8513840	ELECTRIC MACHINE COOLING SYSTEM AND METHOD
DKT10159	12/796563	06/08/2010	8519581	ELECTRIC MACHINE COOLING SYSTEM AND METHOD
DKT10173	12/887069	09/21/2010	8525625	STARTER SOLENOID WITH SPOOL FOR RETAINING COILS
DKT11201	13/007199	01/14/2011	8531147	ELECTRIC MACHINE HAVING AN INTEGRATED VIBRATION SENSOR
DKT11222	13/181264	07/12/2011	8546982	ELECTRIC MACHINE MODULE COOLING SYSTEM AND METHOD
DKT10180	12/904848	10/14/2010	8546983	SPLIT DRAIN SYSTEM AND METHOD FOR AN ELECTRIC MACHINE MODULE
DKT10170	12/883102	09/15/2010	8552600	POTTED END TURNS OF AN ELECTRIC MACHINE
DKT10158	12/786098	05/24/2010	8564168	ROTOR LAMINATION ASSEMBLY
DKT11208	13/051954	03/18/2011	8575814	CONDUCTOR INSULATION ARRANGEMENT FOR ELECTRIC MACHINE WINDING
DKT11209	13/081191	04/06/2011	8591369	ASYNCHRONOUS BOOST ASSIST SYSTEM FOR A MOTOR VEHICLE
DKT10194	12/897634	10/04/2010	8593021	COOLANT DRAINAGE SYSTEM AND METHOD FOR ELECTRIC MACHINES
DKT09126	12/640297	12/17/2009	8614530	STATOR CORE FOR AN ELECTRIC MACHINE
DKT10162	12/815266	06/14/2010	8614538	ELECTRIC MACHINE COOLING SYSTEM AND METHOD
DKT12224A	13/449550	04/18/2012	8624452	ELECTRIC MACHINE MODULE COOLING SYSTEM AND METHOD
DKT10177A	13/908778	06/03/2013	8629585	INTERNAL COOLING OF STATOR ASSEMBLY IN AN ELECTRIC MACHINE
DKT10153	12/716549	03/03/2010	8629597	AIRFLOW PASSAGE ARRANGEMENT FOR CLAW - POLE ELECTRIC MACHINES
DKT12228	13/461572	05/01/2012	8631559	METHOD OF ASSEMBLING INDUCTION ROTORS
DKT10185A	12/947260	11/16/2010	8633622	ELECTRIC MOTOR AND PLANETARY GEAR ASSEMBLY

DKT12214	13/369066	02/08/2012	8636612	CENTER ADAPTER ASSEMBLY
DKT10190	12/950589	11/19/2010	8636619	GEAR SHOCK CONTROL MEMBER FOR A DRIVE TRAIN COMPONENT GEAR SET
DKT10183	12/942881	11/09/2010	8648506	ROTOR LAMINATION COOLING SYSTEM AND METHOD
DKT09122	12/573678	10/05/2009	8648507	STATOR ASSEMBLY INCLUDING A TERMINAL BLOCK FOR AN ELECTRIC MACHINE
DKT11202A	13/743408	01/17/2013	8653706	ELECTRIC MACHINE HAVING AN INTEGRATED COOLANT LEVEL SENSOR
DKT11217A	13/156129	06/08/2011	8659190	ELECTRIC MACHNE COOLING SYSTEM AND METHOD
DKT11214A	13/110772	05/18/2011	8659191	SLEEVE MEMBER FOR AN ELECTRIC MACHINE
DKT11219A	13/179040	07/08/2011	8659197	ELECTRIC MACHINE ALIGNMENT ADAPTER
DKT10156A	13/793649	03/11/2013	8659374	SOLENOID WITH REVERSE TURN SPOOL HUB PROJECTION
DKT10186A	12/947320	11/16/2010	8672070	TRACTION MOTOR AND PLANETARY GEAR ASSEMBLY
DKT12212A	13/355941	01/23/2012	8674568	MACHINE WITH HIGH VOLTAGE ENCLOSURE COVER
DKT11213	13/104843	05/10/2011	8692425	COOLING COMBINATIONS FOR ELECTRIC MACHINES
DKT11203	13/010877	01/21/2011	8716910	STATOR WINDING CONNECTION ARRANGEMENT
DKT12227	13/461506	05/01/2012	8720041	ASSEMBLY METHOD FOR INDUCTION ROTORS
DKT12210	13/342502	01/03/2012	8723380	STARTER MOTOR INCLUDING A CONDUCTOR MOUNTING ELEMENT
DKT12225	13/456013	04/25/2012	8733190	STARTER MACHINE SYSTEM AND METHOD
DKT10192	12/953033	11/23/2010	8742641	CONCENTRIC MOTOR POWER GENERATION AND DRIVE SYSTEM
DKT11233	13/298890	11/17/2011	8745847	METHOD OF P - FORMING A CONTINUOUS CONDUCTOR HAVING A RECTANGULAR CROSS SECTION AND A STATOR INCLUDING A STATOR WINDING FORMED FROM A P - FORMED CONDUCTOR HAVING A RECTANGULAR CROSS - SECTION
DKT10169	12/882370	09/15/2010	8749103	PERMANENT MAGNET ROTOR FOR ELECTRIC MACHINE
DKT11238	13/314031	12/07/2011	8749107	SPACER FOR SUPPORTING CONDUCTORS IN AN ELECTRIC MACHINE
DKT10175A	13/839657	03/15/2013	8754731	SOLENOID WITH VARIABLE RELUCTANCE PLUNGER

DKT10184B	13/873900	04/30/2013	8771123	REVERSIBLE PLANETARY GEAR ASSEMBLY
DKT11239	13/341556	12/30/2011	8776753	DUAL SYNCHRONIZED STARTER MOTORS
DKT11232	13/298813	11/17/2011	8789259	METHOD OF WINDING A STATOR CORE WITH A CONTINUOUS CONDUCTOR HAVING A RECTANGULAR CROSS - SECTION AND A STATOR CORE
DKT12230A	13/488327	06/04/2012	8803380	ELECTRIC MACHINE MODULE COOLING SYSTEM AND METHOD
DKT11221	13/180342	07/11/2011	8803381	ELECTRIC MACHINE WITH COOLING PIPE COILED AROUND STATOR ASSEMBLY
DKT12219	13/407651	02/28/2012	8829845	STARTER MACHINE SYSTEM AND METHOD
DKT12250	13/670654	11/07/2012	8836260	METHOD AND APPARATUS FOR REDUCING TORQUE VARIATION IN MOTOR DRIVE SYSTEMS
DKT10164	12/858928	08/18/2010	8841811	CONDUCTOR INSULATION ARRANGEMENT FOR AN ELECTRIC MACHINE
DKT11229	13/289519	11/04/2011	8847446	METHOD AND APPARATUS FOR FASTENING COOLING FANS TO ELECTRO - MECHANICAL MACHINES
DKT12217	13/404755	02/24/2012	8860235	STARTER MACHINE SYSTEM AND METHOD
DKT11227	13/242648	09/23/2011	8860266	ALTERNATOR HAVING A HEAT SINK AND METHOD
DKT12254A	13/678494	11/15/2012	8860536	STARTER SYSTEM
DKT12218	13/404227	02/24/2012	8872369	STARTER MACHINE SYSTEM AND METHOD
DKT11215A	13/112204	05/20/2011	8872399	STATOR WINDING ASSEMBLY AND METHOD
DKT11237	13/312325	12/06/2011	8878406	STATOR INCLUDING CONDUCTORS PROVIDED WITH A COMPOSITE SLEEVE
DKT11228	13/269224	10/07/2011	8901789	ELECTRIC MACHINE MODULE
DKT11234	13/300463	11/18/2011	8907540	ELECTRIC MACHINE WITH INSULATOR SPACER
DKT12246	13/626505	09/25/2012	8907541	SLOT LINER FOR ELECTRO - DYNAMIC MACHINE
DKT12232	13/493249	06/11/2012	8967004	ARMATURE WITH TORQUE LIMITER FOR ENGINE STARTER
DKT11226	13/231491	09/13/2011	8975792	ELECTRIC MACHINE MODULE COOLING SYSTEM AND METHOD
DKT10166	12/858867	08/18/2010	8978395	REJECT HEAT DRIVEN ABSORPTION COOLING CYCLE

DKT12242	13/609574	09/11/2012	8987953	PERMANENT MAGNET ELECTRIC MACHINE INCLUDING PERMANENT MAGNETS HAVING A SLEEVE FORMED FROM A THERMAL INTERFACE MATERIAL
DKT12231	13/488971	06/05/2012	9000644	CONCENTRIC MOTOR POWER GENERATION AND DRIVE SYSTEM
DKT12243	13/611583	09/12/2012	9006943	ELECTRO - DYNAMIC MACHINE WITH COOLANT CHARGEABLE BLADDER
DKT11220	13/178757	07/08/2011	9041260	COOLING SYSTEM AND METHOD FOR AN ELECTRONIC MACHINE
DKT11235	13/312008	12/06/2011	9046069	STARTER MOTOR WITH TORQUE LIMITER
DKT14362	13/220428	08/29/2011	9048710	ELECTRIC MACHINE MODULE COOLING SYSTEM AND METHOD
DKT11216A	13/153865	06/06/2011	9054565	METHOD AND APPARATUS FOR COOLING AN ELECTRIC MACHINE
DKT12233	13/5300362	06/22/2012	9067546	HIGH VOLTAGE PROTECTION INTERLOCK SYSTEM FOR SERVICEABILITY
DKT12255A	13/678486	11/15/2012	9070518	STARTER SYSTEM
DKT13258	13/743710	01/17/2013	9071116	APPARATUS FOR INSTALLING STATOR WINDING CONDUCTORS
DKT12216	13/404598	02/24/2012	9077218	ALTERNATOR BRUSH HOLDER
DKT11236	13/312133	12/06/2011	9099900	ELECTRIC MACHINE MODULE COOLING SYSTEM AND METHOD
DKT10153A	13/550042	07/16/2012	9099904	AIRFLOW PASSAGE ARRANGEMENT FOR CLAW - POLE ELECTRIC MACHINES
DKT11206A	13/031512	02/21/2011	9099948	ALTERNATOR ASSEMBLY WITH OPPORTUNISTIC VOLTAGE REGULATION SYSTEM
DKT12249	13/647812	10/09/2012	9106120	METHOD FOR TWISTING AN ARMATURE
DKT13276	13/803198	03/14/2013	9112444	ELECTRIC MACHINE INCLUDING A TEMPERATURE SENSING SYSTEM
DKT12223A	13/442655	04/09/2012	9121380	STARTER MACHINE SYSTEM
DKT14368A	14/215584	03/17/2014	9127636	VARIABLE FLUX STARTER AND SWITCH SYSTEM
DKT12258	13/722126	12/20/2012	9130362	CONNECTOR MEMBER INCLUDING A LOCKING ELEMENT
DKT13272	13/826673	03/14/2013	9130421	L - SHAPED SHEET METAL COOLING JACKET WITH STAMPED BEARING SUPPORT
DKT11207	13/051931	03/18/2011	9130430	ELECTRIC MACHINE WITH FULLY ENCLOSED IN - SLOT CONDUCTORS
DKT12213	13/363860	02/01/2012	9130434	INDUCTION ROTOR END RING SUPPORT DEVICE

DKT13280	13/863794	04/16/2013	9130439	METHOD OF FLARING STATOR WINDINGS
DKT12211	13/344079	01/05/2012	9139097	SAFETY COVER WITH INTEGRATED MAGNET FOR REED SWITCH
DKT13269	13/801811	03/13/2013	9154022	HIGH EFFICIENCY B+ CONNECTION
DKT13288	13/911462	06/06/2013	9163600	CHARGING IN MULTIPLE VOLTAGE START/STOP BAS SYSTEM
DKT12222A	13/442776	04/09/2012	9184646	VARIABLE FLUX ELECTRIC MACHINE
DKT13306A	14/035376	09/24/2013	9188097	STARTER WITH SPEED SENSOR ASSEMBLY
DKT13260A	13/751649	01/28/2013	9197115	COOLING SYSTEM AND METHOD
DKT13283A	13/875765	05/02/2013	9199588	ALTERNATOR WITH LOCKOUT PHASE
DKT12253A	13/678515	11/15/2012	9200608	STARTER SYSTEM
DKT13291A	13/935284	07/03/2013	9203268	STARTER MACHINE PERFORMANCE IMPROVEMENT
DKT14360A	14/178373	02/12/2014	9206880	ELECTRIC MACHINE INCLUDING AN AXIAL RETAINER
DKT12248	13/633614	10/02/2012	9209661	ELECTRIC MACHINE INCLUDING A HOUSING HAVING MATERIALLY INTEGRALLY FORMED COOLANT CHANNELS AND AN OUTER SLEEVE
DKT13259	13/744147	01/17/2013	9246370	ELECTRIC MOTOR STATOR HOUSING INTERFERENCE GAP REDUCING METHOD AND APPARATUS
DKT12239	13/571941	08/10/2012	9249772	STARTER PINION ENGAGEMENT TESTER
DKT12241	13/608514	09/10/2012	9263926	PERMANENT MAGNET ELECTRIC MACHINE HAVING MAGNETS PROVIDED WITH A THERMAL ENHANCEMENT BONDING COATING
DKT12245	13/622798	09/19/2012	9306428	MOTOR COOLING SYSTEM WITH POTTED END TURNS
DKT14376A	14/327119	07/09/2014	9312684	SOLID STATE SWITCH
DKT12221	13/440915	04/05/2012	9331543	ELECTRIC MACHINE MODULE COOLING SYSTEM AND METHOD
DKT14367A	14/212680	03/17/2014	9371810	ALTERNATOR - STARTER ASSEMBLY HAVING GEAR REDUCTION SYSTEM
DKT10175B	14/267679	05/01/2014	9424972	SOLENOID WITH VARIABLE RELUCTANCE PLUNGER
DKT14356A	14/163336	01/24/2014	9429131	STARTER SYSTEM AND METHOD
DKT13297	13/953077	07/29/2013	9431863	INSULATION COMPONENT FOR AN ELECTRIC MACHINE AND METHOD OF ASSEMBLY

DKT14364A	14/208841	03/13/2014	9435312	DIAGNOSTIC SYSTEM AND METHOD FOR VEHICLE STARTER
DKT11239B	14/305115	06/16/2014	9441601	DUAL SYNCHRONIZED STARTER MOTORS
DKT12229A	13/481092	05/25/2012	9444306	VARIABLE FLUX ELECTRIC STARTER MOTOR AND METHOD OF OPERATING THE SAME
DKT13273	13/827061	03/14/2013	9450468	L - SHAPED SHEET METAL COOLING JACKET WITH BAFFLES AND INTEGRATED POWER ELECTRONICS
DKT14354	14/160990	01/22/2014	9450477	B+ MOUNTED INTEGRATED ACTIVE RECTIFIER ELECTRONICS
DKT11232A	14/301989	06/11/2014	9467010	METHOD OF WINDING A STATOR CORE WITH A CONTINUOUS CONDUCTOR HAVING A RECTANGULAR CROSS - SECTION AND A STATOR CORE
DKT12216A	14/706865	05/07/2015	9484697	ALTERNATOR BRUSH HOLDER
DKT12252A	13/676010	11/13/2012	9500172	STARTER SYSTEM
DKT14371	14/244397	04/03/2014	9500174	INTERNAL COMBUSTION ENGINE HAVING A CHANGE OF MIND (COM) STARTER SYSTEM AND A COM STARTER SYSTEM
DKT13304	14/021797	09/09/2013	9502944	COMPONENT FOR AN ELECTRIC MACHINE
DKT13266	13/784789	03/04/2014	9525325	LIQUID - COOLED ROTARY ELECTRIC MACHINE HAVING AXIAL END COOLING
DKT13286	13/895941	05/16/2013	9537373	ALTERNATOR FAN
DKT14366A	14/211209	03/14/2014	9555712	VEHICLE SYSTEM WITH BATTERIES IN SERIES
DKT14372	14/247659	04/08/2014	9577486	CONDUCTOR RETENTION MEMBER FOR A STATOR ASSEMBLY
DKT14370	14/228746	03/28/2014	9577491	STARTER MOTOR INCLUDING A REMOVABLE SOLENOID TOWER
DKT13302A	14/020307	09/06/2013	9577499	RESOLVER WITH MOUNTING STRUCTURE AND METHOD
DKT13311A	14/085241	11/20/2013	9577501	CLAW POLE ROTOR WITH CAVITY FOR MINIMIZING FLUX LEAKAGE
DKT14374	14/289637	05/28/2014	9587990	MOUNTING ARRANGEMENT FOR A TEMPERATURE SENSOR IN AN ELECTRIC MACHINE
DKT15412A	14/743426	06/18/2015	9624896	STARTER ASSEMBLY
DKT14363	14/197947	03/05/2014	9634545	COMPONENT FOR AN ELECTRIC MACHINE
DKT12256	29/438843	12/04/2012	D692377S	MOSFET RECTIFIER BRIDGE POWER PACK

DKT13262A	13/763109	02/08/2013	THERMALLY CONDUCTIVE COATING FOR PERMANENT MAGNETS IN ELECTRIC MACHINE
DKT13265	13/784227	03/04/2013	LIQUID - COOLED ROTARY ELECTRIC MACHINE HAVING COOLING JACKET WITH BI - DIRECTIONAL FLOW
DKT13270	13/801908	03/13/2013	PHASE LEAD INSULATOR
DKT13274	13/829387	03/14/2013	COIL ARRANGEMENT WITH INTERMEDIARY WIRE TIE - OFF
DKT13277	13/837102	03/15/2013	ENGINE STARTER SYSTEM
DKT13278	13/842864	03/15/2013	STARTER
DKT13287	13/905787	05/30/2013	ELECTRIC MACHINE WITH LIQUID COOLED HOUSING
DKT13295A	13/939040	07/10/2013	INTERLOCKING COIL ISOLATORS FOR RESIN RETENTION IN A SEGMENTED STATOR ASSEMBLY
DKT13301	13/974591	08/23/2013	DISTRIBUTED CASCADED WINDING FOR ELECTRICAL MACHINES
DKT13310	14/058780	10/21/2013	METHOD FOR FORMING AND ANNEALING AN INSULATED CONDUCTOR
DKT14355	14/160938	01/22/2014	COOLING AIR ROUTING FOR ELECTRONICS HEAT REMOVAL
DKT14358	14/163252	01/24/2014	HAIRPIN JOINT
DKT14369	14/228365	03/28/2014	ELECTRIC MACHINE WITH HEAT TRANSFER ENHANCER
DKT14373	14/250688	04/11/2014	ELECTRIC MACHINE WITH COMBINED INSULATOR AND TERMINAL ASSEMBLY
DKT14375A	14/326064	07/08/2014	ACTIVE VIBRATION DAMPING USING ALTERNATOR
DKT10164B	14/448540	07/31/2014	CONDUCTOR INSULATION ARRANGEMENT WITH INSULATION SLEEVE FOR ELECTRIC MACHINE
DKT14380	14/523330	10/24/2014	INTERNAL COMBUSTION ENGINE HAVING A STARTER MOTOR AND METHOD
DKT14381A	14/528199	10/30/2014	SYSTEMS AND METHODS FOR COVERING ACCESS PORTS
DKT15408A	14/626372	02/19/2015	METHOD FOR LOAD SHARE BALANCING IN A SYSTEM OF PARALLEL - CONNECTED GENERATORS USING ACCUMULATED DAMAGE MODEL
DKT15404A	14/626633	02/19/2015	METHOD FOR LOAD SHARE BALANCING IN A SYSTEM OF PARALLEL - CONNECTED GENERATORS USING SELECTIVE LOAD REDUCTION
DKT15405A	14/626811	02/19/2015	METHOD FOR OPTIMIZING THE EFFICIENCY OF A SYSTEM OF PARALLEL - CONNECTED GENERATORS
DKT15407A	14/716547	12/04/2013	ELECTRIC MACHINE HAVING ELECTRICAL BUSS AND MANUFACTURING METHOD THEREFOR
DKT13312A	14/727306	12/03/2013	MACHINE AND ACCESSORY

DKT15409	14/738053	06/12/2015	TERMINAL ASSEMBLY FOR AN ELECTRIC MACHINE
DKT15411A	14/742888	06/18/2015	MOTOR VEHICLE SOLENOID FOR A STARTER MOTOR
DKT15410A	14/742901	06/18/2015	MOTOR VEHICLE SOLENOID FOR A STARTER MOTOR
DKT15413A	14/743417	06/18/2015	STARTER MOTOR
DKT15414A	14/834734	08/25/2015	WIRE FORMING APPARATUS FOR ELECTRIC MACHINE WINDING
DKT13288A	14/849496	09/09/2015	CHARGING IN MULTIPLE VOLTAGE START/STOP BAS SYSTEM
DKT15416A	14/864755	09/24/2015	METHOD FOR COMPENSATING ALTERNATOR REGULATION TO CONTROL REMOTE BATTERY VOLTAGE UTILIZING ADAPTIVE VARIABLE
DKT15417A	14/864807	09/24/2015	SYSTEM OF PARALLEL - CONNECTED GENERATORS AND METHOD FOR LOAD SHARE BALANCING THEREIN USING A SERIAL COMMUNICATION NETWORK
DKT15418A	14/876566	10/06/2015	CENTRALLY LOCATED CONTROL ELECTRONICS FOR ELECTRIC MACHINE
DKT15419A	14/876674	10/06/2015	PEDESTAL SURFACE FOR MOSFET MODULE
DKT15420A	14/876763	10/06/2015	RADIALLY ADAPTABLE PHASE LEAD CONNECTION
DKT15422A	14/876821	10/07/2015	AXIALLY EXTENDING ELECTRIC MACHINE ELECTRONICS COOLING TOWER
DKT15423A	14/876823	10/07/2015	BI - DIRECTIONAL MOSFET COOLING FOR AN ELECTRIC MACHINE
DKT15424A	14/876825	10/07/2015	CIRCUIT LAYOUT FOR ELECTRIC MACHINE CONTROL ELECTRONICS
DKT15421A	14/877850	10/07/2015	DUAL AIR AND LIQUID COOLING MEDIA COMPATIBLE ELECTRIC MACHINE ELECTRONICS
DKT15425	14/946754	11/19/2015	BRUSH WEAR INDICATOR
DKT15403	15/087880	03/31/2016	ELECTRIC MACHINE WITH ELECTRICAL CONNECTOR
DKT15429	15/135320	04/21/2016	ELECTRIC MACHINE WITH WINDINGS HAVING END LOOP ARRANGEMENT
DKT13304A	15/236929	08/15/2016	COMPONENT FOR AN ELECTRIC MACHINE
DKT15415A	15/266506	09/15/2016	ALTERNATOR INCLUDING WIRELESS VOLTAGE REGULATOR
DKT13267A	15/429563	02/10/2017	STARTER