

Noticias

La [ciudad de Málaga](#) refuerza su apuesta por la movilidad eléctrica dentro del proyecto XZem2All (cero emisiones para todos), liderado por Endesa, con la incorporación de un nuevo servicio de “carsharing” con coches eléctricos. El sistema, que cuenta como socio colaborador con la empresa de alquiler de coches Europcar, incluirá una serie de vehículos eléctricos en cuatro aparcamientos de la ciudad, con una autonomía de entre 140 y 150 kilómetros. El proyecto Zem2All ha permitido que la movilidad eléctrica cuente ya con 209 coches eléctricos adheridos.

Investigadores del centro AIC y del grupo Tecnalia, en el País Vasco, han logrado incorporar un [motor entre las cuatro ruedas](#) de un vehículo eléctrico. El avance permite un mayor espacio en el interior del coche y facilita la conducción. Esta tecnología es el resultado del proyecto europeo Eco-design and Validation of In-Wheel Concept for Electric Vehicles ([EUNICE](#)), que se ha llevado a cabo a lo largo de los últimos cuatro años.

Las [ventas de vehículos eléctricos](#) suben un 29,02 % en el periodo entre enero y septiembre de 2015 respecto al mismo periodo de 2014, según datos de la Asociación Española de Fabricantes de Automóviles y Camiones (Anfac). En el

terreno de los vehículos híbridos, con un volumen de ventas muy superior, el crecimiento fue un 66% frente al mismo periodo del año 2014.

Investigadores alemanes han desarrollado un [sistema electrónico](#) que adquiere datos de los vehículos eléctricos en tiempo real y los intercambia de forma estandarizada e inalámbrica. Una potencial aplicación de este desarrollo sería permitir que el vehículo eléctrico se integrara en el funcionamiento de la red eléctrica como sistema de almacenamiento provisional de energía renovable, mejorando así la respuesta de la red a la variabilidad de estas fuentes.

Según el estudio II [Radiografía de los hábitos de movilidad de los españoles](#), un elevado porcentaje (76%) de los conductores españoles ve favorablemente la implantación del coche eléctrico como solución para la movilidad urbana, aunque solo un 5% de los entrevistados lo ha utilizado en alguna ocasión. Esta tendencia es especialmente acusada entre los conductores más jóvenes. Para el futuro, el 55% de los ciudadanos cree que cambiará sustancialmente la manera en la que las personas se desplazarán.

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Solicitudes de Patente Publicadas

Los datos que aparecen en la tabla corresponden a una selección de las solicitudes de patentes publicadas durante el trimestre. Se puede acceder al documento completo haciendo doble clic sobre el mismo.

BATERÍAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2015137034	SANYO SPECIAL STEEL CO LTD	Negative electrode material for electricity storage devices
WO 2015124983	TOYOTA MOTOR CO LTD	Moving assist apparatus and method
WO 2015124993	TOYOTA MOTOR CO LTD	Power storage system
WO 2015097785	HITACHI AUTOMOTIVE SYSTEMS LTD	Rectangular secondary battery
WO 2015098022	SANYO ELECTRIC CO	Nonaqueous electrolyte secondary battery
WO 2015125444	SANYO ELECTRIC CO	Positive electrode active material for non-aqueous electrolyte secondary batteries
WO 2015125537	HITACHI AUTOMOTIVE SYSTEMS LTD	Secondary-battery system
WO 2015125800	FUJIFILM CORP	Solid electrolyte composition, production method for same, electrode sheet for battery using same, and all-solid secondary cell
WO 2015129188	SANYO ELECTRIC CO	Nonaqueous-electrolyte secondary battery
WO 2015132703	AZA HOLDING PTE LTD	Separator for batteries and method for manufacturing the same
WO 2015132842	HITACHI LTD	Flame retardant for lithium ion secondary batteries, electrolyte solution for lithium ion secondary batteries, lithium ion secondary battery, and power supply or device system utilizing lithium ion secondary battery
WO 2015133029	HITACHI LTD	Power-storing voltage stabilizer and method for controlling same
WO 2015133087	TOYOTA CHUO KENKYUSHO KK TOYOTA MOTOR CO LTD	Power supply system having two dc power supplies
WO 2015133309	AUTONETWORKS TECHNOLOGIES LTD SUMITOMO WIRING SYSTEMS SUMITOMO ELECTRIC INDUSTRIES	Electricity storage module
WO 2015133546	FUJI SEAL INC	Film-coated product, and production method for film-coated product
WO 2015133583	NIPPON CHEMICON	Conductive carbon, electrode material including said conductive carbon, and electrode using said electrode material
WO 2015099476	LG CHEMICAL LTD	Battery module assembly having sub modules mounted therein
WO 2015125163	DONADON SAFETY DISCS AND DEVICES S R L	Solid particulate capturing device
WO 2015125223	HITACHI AUTOMOTIVE SYSTEMS LTD	Secondary battery
WO 2015126204	LG CHEMICAL LTD	Battery pack for automobile having improved cooling efficiency
WO 2015129186	SANYO ELECTRIC CO	Positive electrode for non-aqueous electrolyte secondary cell and non-aqueous electrolyte secondary cell using same
WO 2015129376	TOSHIBA KK	Rolled electrode set and nonaqueous-electrolyte battery
WO 2015132786	UNICELL LLC REINHOLD COHN AND PARTNERS	Battery cells and arrangements
WO 2015132789	PHINERGY LTD	Pit stop for and method of replacement of electrolyte
WO 2015132856	HITACHI AUTOMOTIVE SYSTEMS LTD	Lithium ion secondary battery
WO 2015133366	JX NIPPON OIL & ENERGY CORP	Artificial graphite material for lithium ion secondary battery negative electrode, and method for producing same

WO 2015133368	TOPPAN PRINTING CO LTD	Sheathing material for lithium batteries
WO 2015097770	HITACHI AUTOMOTIVE SYSTEMS LTD	Rectangular secondary battery
WO 2015097974	TOYOTA JIDOSHOKKI KK	Negative electrode active material, method for producing same and electricity storage device
WO 2015128941	NISSAN MOTOR	Non-contact power supply system and power transmission device
WO 2015128942	NISSAN MOTOR	Non-contact power supply system and power transmission device
WO 2015129270	NIPPON STEEL & SUMITOMO METAL CORP	Negative electrode active substance material, negative electrode, and cell
WO 2015130228	UNIV NANYANG TECH MARITIME AND PORT AUTHORITY OF SINGAPORE	Cathode materials containing olivine structured nanocomposites
WO 2015131055	UNIV MINNESOTA STEIN ANDREAS VU ANH DINH FANG YUAN WILSON BENJAMIN EDWIN	Composite material having domains of lithium oxometallates in a matrix
WO 2015131339	UNIV TSINGHUA GRADUATE SCHOOL	Rechargeable nickel ion battery
WO 2015132844	HITACHI LTD	Positive electrode material for lithium ion secondary batteries, and lithium ion secondary battery
WO 2015133692	KOREA ELECTRONICS TECHNOLOGY	Cathode active material, lithium secondary battery having same, and method for preparing same
WO 2015097875	HITACHI AUTOMOTIVE SYSTEMS LTD	Assembled battery
WO 2015126932	BROOKHAVEN SCIENCE ASS LLC	Multifunctional cathode additives for battery technologies
WO 2015128938	NISSAN MOTOR	Non-contact power supply system and power transmission device
WO 2015133068	PANASONIC IP MAN CO LTD	Device for determining battery type and method for determining battery type
WO 2015133097	GS YUASA INT LTD	Nonaqueous electrolyte secondary battery
WO 2015133760	LG CHEMICAL LTD	Battery module having voltage sensing member having receptacle structure
WO 2015097952	SONY CORP	Battery, electrolyte, battery pack, electronic device, electric vehicle, electricity-storage device, and power system
WO 2015098064	SANYO ELECTRIC CO	Nonaqueous electrolyte secondary battery
WO 2015098471	ASAHI CHEMICAL IND	Composition for addition to electrolyte solutions containing silyl group-containing compound, electrolyte solution for nonaqueous electricity storage devices containing said composition, and lithium ion secondary battery containing said electrolyte solution
WO 2015099021	NIPPON SYNTHETIC CHEM IND	Binder composition for electrode of lithium ion secondary cell, electrode of lithium ion secondary cell, and lithium ion secondary cell
WO 2015099233	MK ELECTRON CO LTD	Anode active material, secondary battery comprising same and method for manufacturing anode active material
WO 2015107299	RENAULT SA	Method for managing a state of charge of a battery
WO 2015118593	SHINETSU CHEMICAL CO	Negative electrode for non-aqueous electrolyte secondary batteries, and non-aqueous electrolyte secondary battery
WO 2015118923	AUTONETWORKS TECHNOLOGIES LTD SUMITOMO WIRING SYSTEMS SUMITOMO ELECTRIC INDUSTRIES	Wiring module
WO 2015121977	NISSAN MOTOR	Non-contact power supply apparatus
WO 2015122002	FOMM CORP NGK SPARK PLUG CO DAIDO KOGYO KK	Electric vehicle

WO 2015122030	SUMITOMO ELECTRIC INDUSTRIES	Sodium molten salt battery
WO 2015122594	LG CHEMICAL LTD	Battery cell comprising wrinkle preventing member
WO 2015126035	LG CHEMICAL LTD	Apparatus, system and method for preventing damage to battery rack by means of voltage measurement
WO 2015126821	UNIV FLORIDA	Cryogenic power extraction
WO 2015096066	SHENZHEN ESPIRIT TECHNOLOGY CO LTD BEIJING HAIKE ZHIDONG TECHNOLOGY DEV CO LTD ZHANG JIEFU	Battery management system for electric automobile and control method thereof
WO 2015110158	NEC EUROPE LTD	A method for controlling load balancing within an energy system and an according energy system
WO 2015118849	MITSUI CHEMICALS INC	Negative electrode for lithium ion secondary cell, lithium-ion secondary cell, mixture paste for negative electrode for lithium-ion secondary cell, and method for manufacturing negative electrode for lithium-ion secondary cell
WO 2015121934	TOSHIBA KK	Wireless power transmission device, wireless power reception device, and wireless power transmission and reception system
WO 2015122705	IUCF HYU	Positive electrode active material for sodium secondary battery, and method for preparing same
WO 2015126036	LG CHEMICAL LTD	Apparatus, system and method for preventing damage to battery rack by means of voltage measurement
WO 2015129265	NIPPON STEEL & SUMITOMO METAL CORP	Negative electrode active substance material, negative electrode, and cell
WO 2015129267	NIPPON STEEL & SUMITOMO METAL CORP	Negative electrode active substance material, negative electrode, and cell
WO 2015098054	SANYO ELECTRIC CO	Positive electrode active material for nonaqueous electrolyte secondary batteries, and nonaqueous electrolyte secondary battery using same
WO 2015098624	NEC CORP	Cyclic sulfonic acid ester compound, non-aqueous electrolyte solution, and lithium ion secondary battery using same
WO 2015099190	TEIJIN LTD	Non-aqueous secondary cell separator and non-aqueous secondary cell
WO 2015122314	AUTONETWORKS TECHNOLOGIES LTD SUMITOMO WIRING SYSTEMS SUMITOMO ELECTRIC INDUSTRIES	Wiring module and electrical storage module
WO 2015129266	NIPPON STEEL & SUMITOMO METAL CORP	Composite particle, negative electrode, and cell
WO 2015130056	LG ELECTRONICS INC	Battery pack
WO 2015098116	ZEON CORP	Conductive material paste for secondary battery electrode, method for producing slurry for secondary battery cathode, method for producing secondary battery cathode, and secondary battery
WO 2015098551	TOYOTA MOTOR CO LTD	Solid-state lithium battery, solid-state lithium battery module, and method for producing solid-state lithium battery
WO 2015104744	TOYOTA MOTOR CO LTD	Power supply apparatus of vehicle
WO 2015126209	LG ELECTRONICS INC	Battery pack
WO 2015129264	NIPPON STEEL & SUMITOMO METAL CORP	Negative electrode active substance material, negative electrode, and cell
WO 2015097512	TOYOTA MOTOR CO LTD	Manufacturing method for square battery and square battery
WO 2015101321	BYD CO LTD	Power battery module
WO 2015102199	SAMSUNG FINE CHEMICALS CO LTD	Negative electrode material for lithium secondary battery, production method for same, and lithium secondary battery comprising same as negative electrode
WO 2015104935	NISSAN MOTOR	Process for producing lithium ion secondary battery

WO 2015105140	UNIV KYOTO UNIV OSAKA PREFECT PUBLIC CORP	Secondary battery
WO 2015107822	SHARP KK	Lithium ion secondary battery
WO 2015107832	KANEKA CORP	Nonaqueous electrolyte secondary battery and battery pack of same
WO 2015115513	TEIJIN LTD	Separator for nonaqueous secondary batteries, and nonaqueous secondary battery
WO 2015118832	SANYO ELECTRIC CO	Nonaqueous electrolyte secondary battery
WO 2015098766	UNIV KYOTO TOYOTA MOTOR CO LTD HONDA MOTOR CO LTD	Secondary battery
WO 2015101270	BYD CO LTD	Signal collection assembly and power battery module comprising the same
WO 2015102200	SAMSUNG FINE CHEMICALS CO LTD	Lithium transition metal phosphate, method for producing same, and lithium secondary battery produced using same
WO 2015105225	E & D CO LTD	Method for preparing nickel-cobalt-manganese composite precursor
WO 2015105303	LG CHEMICAL LTD	Battery cell comprising electrode assembly coated with inert particles
WO 2015107839	SHARP KK	Positive electrode active material
WO 2015115177	ZEON CORP	Liquid adhesive coating for coating collector
WO 2015115547	SUMITOMO METAL MINING CO	Nickel-manganese composite hydroxide particles, method for producing same, positive electrode active material for nonaqueous electrolyte secondary batteries, method for producing positive electrode active material for nonaqueous electrolyte secondary batteries, and nonaqueous electrolyte secondary battery
WO 2015116938	PENN STATE RES FOUND	Electroactive polymer binders for silicon anodes
WO 2015099417	KIM YOUNG-SUN	Electric vehicle power generation system
WO 2015107581	SHINETSU CHEMICAL CO	Negative electrode material for nonaqueous electrolyte secondary batteries and method for producing negative electrode active material particles
WO 2015107648	HITACHI LTD	Negative electrode for lithium ion secondary cell and lithium ion secondary cell
WO 2015115088	SANYO ELECTRIC CO	Nonaqueous-electrolyte secondary-battery positive-electrode active material, nonaqueous-electrolyte secondary battery using same, and method for manufacturing nonaqueous-electrolyte secondary-battery positive-electrode active material
WO 2015115201	ZEON CORP	Electrode for electrochemical elements, and electrochemical element
WO 2015101268	BYD CO LTD	Power battery mouldle
WO 2015102221	LG CHEMICAL LTD	Hybrid electrode assembly having stepped structure
WO 2015102442	LG CHEMICAL LTD	Flexible battery cell
WO 2015103305	UNIV CALIFORNIA	Lithium sulfide materials and composites containing one or more conductive coatings made therefrom
WO 2015105304	LG CHEMICAL LTD	Battery cell having improved battery safety by using inert particles
WO 2015109181	BROOKHAVEN SCIENCE ASS LLC	High-energy cathodes for lithium rechargeable batteries
WO 2015116700	WANG CHUNSHENG XU KANG SUO LIUMIN	Multiple-electron aqueous battery
WO 2015118846	SHINETSU CHEMICAL CO	Negative electrode material for non-aqueous electrolyte secondary battery, negative electrode for non-aqueous electrolyte secondary battery, production method therefor, and non-aqueous electrolyte secondary battery
WO 2015122656	LG CHEMICAL LTD	Battery pack
WO 2015122657	LG CHEMICAL LTD	Battery module and battery pack comprising same
WO 2015102201	SAMSUNG FINE CHEMICALS CO LTD	Production method for negative electrode active material for lithium secondary battery, and lithium secondary battery
WO 2015107629	DEXERIALS CORP	Protection circuit and protection circuit control method

WO 2015107910	SONY CORP	Cell, cell pack, electronic device, electric vehicle, electricity storage apparatus, and power system
WO 2015111901	LG CHEMICAL LTD	Fuse device
WO 2015114692	TOYOTA JIDOSHOKKI KK	Negative electrode for nonaqueous secondary batteries; nonaqueous secondary battery; negative electrode active material; method for producing negative electrode active material; composite body comprising nano-silicon, carbon layer and cationic polymer layer; and method for producing composite body composed of nano-silicon and carbon layer
WO 2015102202	SAMSUNG FINE CHEMICALS CO LTD	Non-aqueous electrolyte solution for lithium secondary battery, and lithium secondary battery comprising same
WO 2015111658	TEIJIN LTD	Positive electrode active material, positive electrode material using same, positive electrode for nonaqueous electrolyte secondary batteries, and nonaqueous electrolyte secondary battery
WO 2015111710	HITACHI MAXELL	Non-aqueous secondary battery
WO 2015107630	DEXERIALS CORP	Protective circuit and battery unit
WO 2015111144	HITACHI LTD	Power supply system and energy management system used in same
WO 2015111166	HITACHI LTD	Polymer for positive electrode active material coating of lithium ion batteries
WO 2015111612	SANYO CHEMICAL IND LTD	Additive for secondary batteries, electrode and electrolyte solution each using same, lithium ion battery and lithium ion capacitor
WO 2015111865	LG CHEMICAL LTD	Battery pack
WO 2015112257	PENN STATE RES FOUND	Sandwich panels with battery cores
WO 2015111758	SONY CORP	Power storage device, power storage system, electronic device, electric vehicle, and power system
WO 2015115531	FUJIFILM CORP	Method for manufacturing aluminum plate, aluminum plate, current collector for electric storage device, and electric storage device
WO 2015111585	HITACHI CHEMICAL CO LTD	Lithium ion battery system
WO 2015103548	QUANTUMSCAPE CORP	Thermal management system for vehicles with an electric powertrain
WO 2015102010	SURESH CHAWLA	Flat louvered/shuttered wind mill

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SUPERCONDENSADORES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2015124698	SYFER TECHNOLOGY LTD	Dielectric material and capacitor comprising the dielectric material
WO 2015136417	SEMICONDUCTOR ENERGY LAB	Electrode, power storage device, electronic device, and method for fabricating electrode
WO 2015133625	SUMITOMO SHI CONSTR MACH CO	Excavator
WO 2015133473	KYOCERA CORP	Film capacitor, connected capacitor, inverter and electric vehicle
WO 2015132818	PANASONIC IP MAN CO LTD	Foreign matter detector, power transmitter, power receiver, and wireless power transmission system
WO 2015110715	HUTCHINSON	Electrode for an electric-energy storage system with collector including a protective conductive layer and corresponding manufacturing method
WO 2015099138	KAWASAKI HEAVY IND LTD	Temperature control apparatus for electricity storage device
WO 2015122248	YAZAKI CORP	Power receiving unit and power supply system provided therewith
WO 2015102593	EMPIRE TECHNOLOGY DEV LLC	Energy harvesting system for vehicle

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SISTEMAS DE RECUPERACIÓN DE ENERGÍA; FRENOS REGENERATIVOS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2015122156	NIPPON STEEL & SUMITOMO METAL CORP	Eddy current deceleration device equipped with power generation function
WO 2015120835	BRAUN FRANZ	Drive system, shifting system and energy recovery device for electric and hybrid vehicles
WO 2015106260	GEN ELECTRIC	System and method for controlling a vehicle
WO 2015106060	GEN ELECTRIC	Control system and method for a vehicle

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MÁQUINAS ELÉCTRICAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2015107387	AUDI AG	Method for operating an electric or hybrid vehicle with shifttable transmission and electric or hybrid vehicle
WO 2015129571	AISIN AW CO	Vehicle control device
WO 2015133177	HITACHI AUTOMOTIVE SYSTEMS LTD	Electric hydraulic pump for internal combustion engine
WO 2015125568	NTN TOYO BEARING CO LTD UOZUMI TOMOHISA KURODA MASARU SUZUKI KENICHI	Wheel-driving motor and in-wheel motor drive device
WO 2015128639	TRW LTD	A motor bridge driver circuit
WO 2015129811	AISIN AW CO	Vehicle control device and control device for transmission device
WO 2015133570	AISIN AW CO	Device for controlling vehicle drive apparatus
WO 2015125407	PANASONIC IP MAN CO LTD	Vehicle hybrid system
WO 2015132416	AVL LIST GMBH	Electric machine, for example for an electricity-generating unit
WO 2015133205	DYNAX CORP	Axial gap motor
WO 2015129380	NTN TOYO BEARING CO LTD TAMURA SHIRO ISHIKAWA TAKANORI	In-wheel motor drive device
WO 2015098640	FURUKAWA ELECTRIC CO LTD FURUKAWA MAGNET WIRE CO LTD	Insulated wire, coil, and electronic/electrical device
WO 2015121916	NITTO DENKO CORP	Permanent magnet, permanent magnet manufacturing method, spm motor, and spm motor manufacturing method
WO 2015122422	SANTOKU CORP	Cast rare earth-containing alloy sheet, manufacturing method therefor, and sintered magnet
WO 2015121915	NITTO DENKO CORP	Rare earth permanent magnet and production method for rare earth permanent magnet
WO 2015120851	SCHAEFFLER TECHNOLOGIES AG	Method for determining a thermal state of an electric motor in a hybrid drive system of a motor vehicle
WO 2015121913	NITTO DENKO CORP	Rare earth permanent magnet and method for producing rare earth permanent magnet
WO 2015098326	HITACHI AUTOMOTIVE SYSTEMS LTD	Rotor, and permanent-magnet-type rotational electric machine, electric drive system, and electric vehicle which are provided with said rotor
WO 2015098866	SHIN KOBE ELECTRIC MACHINERY	Power storage device
WO 2015104905	FURUKAWA ELECTRIC CO LTD FURUKAWA MAGNET WIRE CO LTD	Flat insulated wire and electric generator coil
WO 2015104956	MITSUBISHI ELECTRIC CORP	Rotary electric machine
WO 2015119052	TOYOTA JIDOSHOKKI KK	Transaxle case
WO 2015099075	AISIN AW CO	Drive device
WO 2015099076	AISIN AW CO	Hybrid drive apparatus
WO 2015104911	HITACHI AUTOMOTIVE SYSTEMS LTD	Stator for rotating electric machine, rotating electric machine equipped with same, and manufacturing methods therefor
WO 2015104980	NTN TOYO BEARING CO LTD KURODA MASARU SUZUKI KENICHI UCHIYAMA NAOYUKI	In-wheel motor drive device
WO 2015104916	HITACHI AUTOMOTIVE SYSTEMS LTD	Stator for rotating electric machine, rotating electric machine equipped with same, and manufacturing methods therefor
WO 2015108147	AISIN AW CO	Vehicular drive device
WO 2015111297	HITACHI AUTOMOTIVE SYSTEMS LTD	Rotor for rotating electrical machine, rotating electrical machine using said rotor, and electric vehicle

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CONVERTIDORES, INVERSORES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2015133201	HITACHI AUTOMOTIVE SYSTEMS LTD	Power conversion device
WO 2015126946	UNIV NEW YORK	Resonant inverter topology, wireless charger, and control method
WO 2015128975	HITACHI LTD	Power module and power conversion device
WO 2015125427	DENSO CORP	Power conversion system
WO 2015125527	HITACHI AUTOMOTIVE SYSTEMS LTD	Dc-dc converter
WO 2015097521	TOYOTA MOTOR CO LTD	Semiconductor device and manufacturing method of the same
WO 2015098876	AUTONETWORKS TECHNOLOGIES LTD SUMITOMO WIRING SYSTEMS SUMITOMO ELECTRIC INDUSTRIES	Inductor
WO 2015118631	MITSUBISHI ELECTRIC CORP	In-vehicle charger and surge-suppression method for in-vehicle charger
WO 2015097868	MITSUBISHI ELECTRIC CORP	Power conversion device
WO 2015099100	AUTONETWORKS TECHNOLOGIES LTD SUMITOMO WIRING SYSTEMS SUMITOMO ELECTRIC INDUSTRIES	Reactor
WO 2015122137	DENSO CORP	Vehicle heat management system
WO 2015125352	MITSUBISHI ELECTRIC CORP	Power semiconductor module and power unit
WO 2015129900	NHK SPRING CO LTD	Spring member and pressing unit
WO 2015097748	MITSUBISHI ELECTRIC CORP	Power conversion apparatus and power module
WO 2015107706	MITSUBISHI ELECTRIC CORP	Power conversion device
WO 2015104779	PANASONIC IP MAN CO LTD	Wireless power supply device and wireless power supply device start-up method
WO 2015107870	PANASONIC IP MAN CO LTD	Semiconductor device
WO 2015104808	HITACHI LTD	Power semiconductor device and power conversion device
WO 2015104914	HITACHI AUTOMOTIVE SYSTEMS LTD	Semiconductor device and power conversion device using same

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RECARGA DE BATERÍAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2015125114	BRUSA ELEKTRONIK AG	Charging circuit for a rechargeable battery with an increased output voltage
WO 2015125107	BRUSA ELEKTRONIK AG	Inductive charging device
WO 2015124161	VOLVO TRUCK CORP	Electrical storage system for a vehicle and method for controlling said system
WO 2015123737	COORDENAÇÃO DOS PROGRAMAS DE PÓS GRADUAÇÃO DE ENGENHARIA DA UNIVERSIDADE FED DO RIO DE JANEIRO TRACEL VEÍCULOS ELÉTRICOS LTDA	Smart energy management systems for electric and hybrid electric vehicles with bidirectional connection, smart energy management system for an energy generator, method for managing energy in a smart energy management system and method for controlling the operation of an energy generator
WO 2015132890	TECHNOVA INC	System for wirelessly supplying power during moving
WO 2015135911	ZAPTEC IP AS	Power supply system for charging electric vehicles
WO 2015128450	BOMBARDIER TRANSP GMBH	Inductive power transfer pad, system for inductive power transfer and method of operating an inductive power transfer pad
WO 2015129087	HITACHI LTD	Control method for electrical storage system
WO 2015129329	TOYOTA MOTOR CO LTD	Power management device for vehicle
WO 2015124980	TOYOTA MOTOR CO LTD	Power supply device for electric vehicle
WO 2015133301	UNIV TOKYO NSK LTD TOYO ELECTRIC MFG CO LTD	In-wheel motor system
WO 2015098011	PANASONIC IP MAN CO LTD	Power conversion system, converter device, inverter device, and power conversion system manufacturing method
WO 2015128498	BOMBARDIER TRANSP GMBH	Inductive power transfer with inductive power transfer pad
WO 2015129613	mitsubishi heavy ind ltd	Electricity-demand prediction device, electricity supply system, electricity-demand prediction method, and program
WO 2015133210	TOYOTA MOTOR CO LTD	Vehicle power transmitting and receiving control device
WO 2015104750	TOYOTA MOTOR CO LTD	Hybrid vehicle with means for disconnection of a depleted auxiliary battery in order to allow for more rapid main battery charging
WO 2015115121	HONDA MOTOR CO LTD	Power feeding device and contact power feeding system
WO 2015122343	YAZAKI CORP	Coil unit and power supply system provided therewith
WO 2015128709	TOYOTA MOTOR CO LTD	Vehicle charge control device
WO 2015097527	TOYOTA MOTOR CO LTD	Power supply system with multiple batteries
WO 2015098012	SANYO ELECTRIC CO	Control system and vehicle power supply
WO 2015122344	YAZAKI CORP	Coil unit and power supply system having same
WO 2015121322	BOMBARDIER TRANSP GMBH	Inductive pickup arrangement mountable to and movable relative to an electric vehicle
WO 2015122214	TOYOTA MOTOR CO LTD	Power-transfer control device
WO 2015101550	OMICRON ELECTRONICS GMBH	Device and method for supplying emergency power to at least one electric load
WO 2015114782	NISSAN MOTOR	Parking assistance device and parking assistance method
WO 2015114796	NISSAN MOTOR	Wireless power supply system and power transmission device
WO 2015112355	DUNGER MARK S DUNGER JAMES F	Coupling assembly for transferring electrical energy
WO 2015115541	TOSHIBA KK	Electric vehicle control device
WO 2015118780	NISSAN MOTOR	Vehicle information provision device
WO 2015097995	TOYOTA MOTOR CO LTD	Power reception device and vehicle including the same
WO 2015114775	NISSAN MOTOR	Parking assistance device and parking assistance method
WO 2015121979	HITACHI LTD	Battery control system, and battery system
WO 2015097968	TOYOTA MOTOR CO LTD	Contactless power transfer system and method of controlling the same

WO 2015103164	EV4 LLC	Direct current to direct current battery based fast charging system for an electric vehicle charging station
WO 2015121208	PHOENIX CONTACT E MOBILITY GMBH	Plug connector part with a latching element
WO 2015111804	UNIV CHOSUN IACF	Superconducting wireless charger for electric vehicle
WO 2015107136	BLUE SOLUTIONS	Method and system for managing a plurality of energy storage assemblies

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CAMBIO DE BATERÍAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2015120753	HAN LEI	Electric vehicle battery pack replacement system consisting of computers, internet, multiple robots
WO 2015114637	PHINERGY LTD	Thermal battery for heating vehicles

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