

Noticias

Durante los [nueve primeros meses](#) del año las matriculaciones de coches eléctricos han alcanzado los 14190 vehículos, de los que 10248 son eléctricos puros y 3942 son híbridos enchufables, según informa Aedive. El ranking lo lidera Madrid, con 4443 unidades, seguida de Barcelona, con 2555 matriculaciones. Entre los factores que más han contribuido a este aumento se encuentra el crecimiento del sector de carsharing, que cuenta en la capital con tres compañías que ofrecen servicios de coche compartido 100% eléctrico.

El Gobierno prevé que las ayudas a los coches propulsados por energías alternativas estén disponibles a finales del último trimestre del año. Este plan, conocido como [Plan VEA](#) y aprobado a finales de junio, fomentará la adquisición de vehículos movidos por energías alternativas (eléctricos, híbridos, de GLP o de GNC) con una partida de 50 millones de euros. Otros 16,6 millones se destinarán a desarrollar las infraestructuras de recarga de esos automóviles, especialmente los eléctricos.

Iberdrola anuncia que instalará una [red de 200 puntos de carga](#) para coches

eléctricos. La red se desplegará por los principales corredores (Mediterráneo, Cantábrico y ruta de la plata), así como en capitales de provincia, y se pretende que esté finalizada antes de final de 2019.

Este verano ha comenzado un programa de movilidad eléctrica que permitirá visitar cuatro parques naturales de Castilla y León y tres de Portugal utilizando una flota mixta de vehículos eléctricos que incluirá tanto bicicletas como automóviles. La iniciativa, conocida como [MOVELETUR](#), está liderada por la Fundación Patrimonio Natural y cuenta como socios españoles con el Ente Regional de la Energía de Castilla y León y la Diputación de Ávila y por parte portuguesa con la Cámara Municipal de Braganza, la Agencia de Energía Oeste Sustentavel, la Asociación de Desarrollo de Alto Tamega y Barroso y el Instituto Politécnico de Castelo Branco.

Todos los boletines que publica periódicamente la OEPM están disponibles en el siguiente enlace:

[BOLETINES OEPM](#)

NIPO: 088-17-022-5

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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 2018127645	RENAULT SAS	Method for optimizing the energy consumption of a hybrid vehicle
WO 2018127640	VALEO SYSTEMES THERMIQUES	Heat exchange device, in particular for thermal regulation of a motor vehicle battery
WO 2018130359	BAYERISCHE MOTOREN WERKE AG	Battery, carrier board, and carrier board element having locking elements
WO 2018141444	LITHIUM ENERGY & POWER GMBH & CO KG	Device for discharging a battery cell and battery cell
WO 2018150131	ARKEMA FRANCE	Lithium bis(fluorosulfonyl)imide salt and uses thereof
WO 2018156330	NANOTEK INSTRUMENTS INC	Lithium battery cathode and method of manufacturing
WO 2018158340	KIRCHHOFF AUTOMOTIVE D GMBH	Battery housing and method for producing same
WO 2018159000	MURATA MANUFACTURING CO	Battery pack, electric power tool, and electronic apparatus
WO 2018159581	GS YUASA INT LTD LITHIUM ENERGY & POWER GMBH & CO KG	Electricity storage element
WO 2018163293	NISSAN MOTOR RENAULT SAS	Secondary battery
WO 2018164413	LG CHEMICAL LTD UNIV SOGANG RES FOUNDATION	Carbon-sulfur complex, method for producing same, and cathode and lithium-sulfur battery comprising same
WO 2018163636	NEC ENERGY DEVICES LTD	Lithium ion battery
WO 2018164517	LG CHEMICAL LTD	Separator for lithium secondary battery and lithium secondary battery comprising same
WO 2018168059	TORAY INDUSTRIES	Secondary battery electrode
WO 2018168505	FUJIFILM CORP	Solid electrolyte composition, solid electrolyte-containing sheet, all-solid-state secondary battery, method for producing solid electrolyte composition, method for producing solid electrolyte-containing sheet, and method for producing all-solid-state secondary battery
WO 2018148290	ELKEM SILICONES USA CORP	Silicone rubber syntactic foam
WO 2018159946	LG CHEMICAL LTD	Method for manufacturing electrode for secondary battery suitable for high loading
WO 2018158008	AUDI AG	Modular system for traction batteries of motor vehicles
WO 2018159618	KK TOYOTA JIDOSHOKKI	Power storage apparatus
WO 2018166816	BAYERISCHE MOTOREN WERKE AG	Energy storage means having cooling device and motor vehicle having an energy storage means
WO 2018167382	VALEO SYSTEMES THERMIQUES	Heat exchanger and thermal regulation device for at least one electrical energy storage element
WO 2018168550	FUJIFILM CORP	All-solid secondary battery and production method therefor, and solid electrolyte sheet for all-solid secondary battery, and positive electrode active material sheet for all-solid secondary battery
WO 2018127296	VOLVO TRUCK CORP	A method and arrangement for determining the state of charge of a battery pack
WO 2018141439	LITHIUM ENERGY & POWER GMBH & CO KG	Battery cell and battery module

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WO 2018150277	VOLKSWAGEN AG AUDI AG PORSCHE AG	Electric vehicle battery cell with solid state electrolyte
WO 2018157007	CUBERG INC	System and method for a stable high temperature secondary battery
WO 2018159938	KOREA ADVANCED INST SCI & TECH	Flexible carbon pocket composite structure, method for manufacturing same, electrode comprising same, and energy storage device comprising said electrode
WO 2018163180	ZUTA CORE LTD	Systems and methods for thermal regulation
WO 2018163495	MURATA MANUFACTURING CO	Secondary battery
WO 2018164094	SHOWA DENKO KK	Collector for electricity storage devices, method for producing same, and coating liquid used in production of same
WO 2018165606	QUANTUMSCAPE CORP	Metal negative electrode ultrasonic charging
WO 2018137942	BOSCH GMBH ROBERT	Stabilized active material for lithium-ion batteries
WO 2018146270	ABB SCHWEIZ AG	State of health estimation for batteries
WO 2018159547	PANASONIC IP MAN CO LTD	Power transmission system
WO 2018160023	LG CHEMICAL LTD	Cathode active material for lithium secondary battery, production method therefor, and lithium secondary battery comprising same
WO 2018159720	HITACHI LTD	Aggregation control system, aggregation control method and control device
WO 2018159870	MK ELECTRON CO LTD	Negative electrode active material for secondary battery and manufacturing method therefor
WO 2018158545	ARKEMA FRANCE	Polymer electrolyte composition intended to be used in a battery
WO 2018162021	VOLVO TRUCK CORP	A battery cell state of charge estimation method and a battery state monitoring system
WO 2018163976	FUJIFILM CORP	Solid electrolyte-containing sheet, solid electrolyte composition, all-solid-state secondary battery, method for producing solid electrolyte-containing sheet, and method for producing all-solid-state secondary battery
WO 2018164346	LG CHEMICAL LTD	Apparatus and method for processing battery cell voltage data
WO 2018163910	INEOVA CORP	Metal anode cell
WO 2018164405	LG CHEMICAL LTD	Anode active material, anode comprising anode active material, and secondary battery comprising anode
WO 2018168802	GS YUASA INT LTD	Electricity storage device
WO 2018169213	LG CHEMICAL LTD	Method for manufacturing secondary battery electrode, and secondary battery electrode manufactured thereby
WO 2018166895	THYSSENKRUPP STEEL EUROPE AG	Battery housing comprising a reinforcing structure and use
	THYSSENKRUPP AG	
WO 2018168276	DENSO CORP	Device temperature adjusting apparatus
WO 2018127641	VALEO SYSTEMES THERMIQUES	Heat exchanger with two rows of tubes for thermal regulation of a motor vehicle battery
WO 2018137943	BOSCH GMBH ROBERT	Battery unit and method for operating a battery unit
WO 2018148282	ELKEM SILICONES USA CORP	Secondary battery pack with improved thermal management
WO 2018150272	VOLKSWAGEN AG AUDI AG PORSCHE AG	Electric vehicle battery cell with polymer frame for battery cell components
WO 2018150258	VOLKSWAGEN AG AUDI AG PORSCHE AG	Electric vehicle battery cell with internal series connection stacking
WO 2018149959	REINZ DICHTUNG GMBH	Cooling plate and method for producing same
WO 2018153564	AUDI AG	Battery arrangement for a motor vehicle and motor vehicle
WO 2018156328	NANOTEK INSTRUMENTS INC	Alkali metal-sulfur secondary battery containing a protected sulfur cathode and manufacturing method
WO 2018153672	BOSCH GMBH ROBERT LITHIUM ENERGY & POWER GMBH & CO KG	Control unit, battery cell, cell module, battery, and apparatus
WO 2018160012	LG CHEMICAL LTD	Cartridge and battery module comprising same

WO 2018164455	LG CHEMICAL LTD	Method for manufacturing electrode comprising polymer electrolyte and electrode manufactured thereby
WO 2018162210	MAHLE INT GMBH	Accumulator temperature-control arrangement
WO 2018162531	CONTINENTAL AUTOMOTIVE GMBH	Heat storage device for a vehicle for heating a vehicle battery
WO 2018165585	UNIV MARYLAND	Aqueous hydrogel electrolyte systems with wide electrochemical stability window
WO 2018165430	AXIUM IP LLC UNIV CORNELL	Multi-domained high performance electrodes, materials, and precursors thereof
WO 2018166888	THYSSENKRUPP STEEL EUROPE AG THYSSENKRUPP AG	Battery housing for a vehicle battery, and vehicle
WO 2018169216	LG CHEMICAL LTD	Battery module, battery pack comprising battery module, and vehicle comprising battery pack
WO 2018167533	UMICORE NV UMICORE KOREA LTD	Precursors for cathode material with improved secondary battery performance and method to prepare the precursors
WO 2018171955	BOSCH GMBH ROBERT	Measurement circuit for a battery module, method for producing a measurement circuit, and battery module
WO 2018142168	TEVVA MOTORS LTD	Range extender control
WO 2018153781	THYSSENKRUPP STEEL EUROPE AG THYSSENKRUPP AG	Battery housing for a vehicle battery, vehicle battery and electric vehicle
WO 2018153880	THYSSENKRUPP STEEL EUROPE AG THYSSENKRUPP AG	Battery housing for a vehicle battery and chassis for an electric vehicle
WO 2018158363	KIRCHHOFF AUTOMOTIVE D GMBH	Battery housing
WO 2018159843	CALSONIC KANSEI CORP UNIV KEIO	Charging rate estimation apparatus and charging rate estimation method
WO 2018164138	SUMITOMO SEIKA CHEMICALS CO LTD	Additive for non-aqueous electrolytic solutions, non-aqueous electrolytic solution, and electrical storage device
WO 2018163708	NISSAN MOTOR	Battery pack production method
WO 2018164477	INDUSTRY ACADEMIA COOPERATION GROUP OF SEJONG UNIV	Positive electrode active material for potassium secondary battery and potassium secondary battery containing same
WO 2018164402	SAMSUNG SDI CO LTD	Electrode assembly and lithium battery comprising same
WO 2018163510	MURATA MANUFACTURING CO	Battery device, battery management device, electronic device, electric vehicle, electrical storage device, and power system
WO 2018168470	MITSUI MINING & SMELTING CO	Spinel type lithium nickel manganese-containing composite oxide
WO 2018131971	LG CHEMICAL LTD	Battery charging system for electric vehicle charging station
WO 2018140309	TICONA LLC	Battery module for an electric vehicle
WO 2018140249	NANOTEK INSTRUMENTS INC	Graphene foam-protected metal fluoride and metal chloride cathode active materials for lithium batteries
WO 2018143561	SAMSUNG SDI CO LTD	Battery pack and data transmission method of battery pack
WO 2018143464	HITACHI AUTOMOTIVE SYSTEMS LTD	Battery module and method for producing battery module
WO 2018143734	LG CHEMICAL LTD	Cathode active material for secondary battery, and preparation method therefor
WO 2018147603	SAMSUNG SDI CO LTD	Secondary battery
WO 2018155422	NATIONAL INSTITUTE OF TECH UNIV KYOTO TOYO TANSO CO	Positive electrode for lead storage battery and lead storage battery using same
WO 2018154860	HONDA MOTOR CO LTD	Vehicle control system
WO 2018124673	LG CHEMICAL LTD	Cylindrical battery cell having heat-shrinkable tube comprising ultraviolet absorber
WO 2018124754	LG CHEMICAL LTD POSTECH ACADEMY IND FOUNDATION	Anode for lithium metal battery, method for manufacturing same, and lithium metal battery comprising same
WO 2018128257	SAMSUNG SDI CO LTD	Voltage detection integrated circuit and battery management system comprising same

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WO 2018128256	SAMSUNG SDI CO LTD	Battery system with a cell connecting unit
WO 2018131221	MURATA MANUFACTURING CO	Lid for cell tray, lid-attached cell tray, and method for manufacturing cell
WO 2018131094	SEI CORP	Electrochemical device
WO 2018131746	LSIS CO LTD	Relay-welding detection device and detection method
WO 2018139453	SANYO ELECTRIC CO	Secondary cell
WO 2018139737	SAMSUNG SDI CO LTD	Battery pack including fire extinguishing system
WO 2018138717	BETH EL ZIKHRON YAAQOV IND LTD	Device and method for hybrid vehicle range extending
WO 2018138865	NEC CORP	Silicone ball containing electrode and lithium ion battery including the same
WO 2018139868	INDUSTRY UNIV COOPERATION FOUNDATION HANYANG UNIV	Slurry composition for lithium secondary battery composite electrode, method for manufacturing composite electrode using same, and method for manufacturing lithium secondary battery including same
WO 2018142690	MURATA MANUFACTURING CO	Positive terminal, battery, battery pack, electronic apparatus, electric vehicle, electricity storage device, and power system
WO 2018143612	LG CHEMICAL LTD	Cathode active material for lithium secondary battery, including lithium cobalt oxide having core-shell structure, method for preparing same, and cathode and secondary battery including cathode active material
WO 2018143160	YAZAKI CORP	Electrically conductive module
WO 2018143463	HITACHI AUTOMOTIVE SYSTEMS LTD	Cell pack
WO 2018148093	NANOTEK INSTRUMENTS INC	Aluminum secondary battery having a high-capacity and high energy cathode and manufacturing method
WO 2018149762	MUBEA CARBO TECH GMBH	Battery structure and protector
WO 2018151430	SAMSUNG SDI CO LTD	Battery module comprising electroosmotic pump
WO 2018156355	NAVITAS SYSTEMS LLC	Core-shell electrochemically active particles with modified microstructure and use for secondary battery electrodes
WO 2018155521	SANYO ELECTRIC CO	Rectangular secondary battery and manufacturing method for same
WO 2018156331	NANOTEK INSTRUMENTS INC	Cathode active material layer for lithium secondary battery and method of manufacturing
WO 2018123330	MURATA MANUFACTURING CO	Negative electrode active material and method for manufacturing same, negative electrode, battery, battery pack, electronic device, electric vehicle, power storage device, and power system
WO 2018128295	SAMSUNG SDI CO LTD	Battery system and vehicle including same
WO 2018131776	SAMSUNG SDI CO LTD	Battery pack housing and battery pack comprising same
WO 2018134267	LITHIUM ENERGY & POWER GMBH & CO KG	Energy storage device
WO 2018139493	TOSHIBA KK TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORP	Electrode body, electrode group, secondary battery, battery module and vehicle
WO 2018142809	GS YUASA INT LTD	Power storage device
WO 2018143079	CALSONIC KANSEI CORP	Battery pack
WO 2018143109	PANASONIC IP MAN CO LTD	Power supply control device
WO 2018146865	MURATA MANUFACTURING CO	Secondary battery, battery pack, electric vehicle, electric tool and electronic device
WO 2018146866	MURATA MANUFACTURING CO	Electrolyte solution for secondary batteries, secondary battery, battery pack, electric vehicle, electrical energy storage system, electric tool and electronic device
WO 2018150843	PANASONIC IP MAN CO LTD	Nonaqueous electrolyte secondary battery
WO 2018151398	LG CHEMICAL LTD	System and method for assigning unique number to cell module controller
WO 2018155582	ELIY POWER CO LTD	Nonaqueous electrolyte secondary battery and charging method

WO 2018155845	SAMSUNG SDI CO LTD	Secondary battery having structure for suppressing multi-tab short circuits
WO 2018156251	ALL CELL TECH LLC	Thermal state of charge estimation of phase change material (pcm) in a battery pack with a pcm thermal management system
WO 2018127832	SHAPE CORP	Vehicle battery tray structure with nodal modularity
WO 2018128283	LG CHEMICAL LTD	Battery cell capable of measuring internal temperature
WO 2018131461	SANYO ELECTRIC CO	Power storage system
WO 2018139454	SANYO ELECTRIC CO	Secondary cell
WO 2018139452	SANYO ELECTRIC CO	Secondary cell
WO 2018139734	SAMSUNG SDI CO LTD	Method and system for managing battery pack
WO 2018141062	HYDRO QUEBEC	Electrode material, electrode and solid-state battery comprising a complex oxide with an olivine structure
WO 2018143783	LG CHEMICAL LTD	Positive electrode active material precursor for lithium secondary battery and method for preparing positive electrode active material
WO 2018151662	GREEN ISLAND CAPITAL AB	Device and method for automatically connecting a cable to a parked vehicle
WO 2018154913	PANASONIC IP MAN CO LTD	Non-aqueous electrolyte secondary battery
WO 2018155158	PANASONIC IP MAN CO LTD	Battery module
WO 2018124224	DAINIPPON PRINTING CO LTD	Aluminium alloy foil for battery packaging material, battery packaging material, and battery
WO 2018123951	SUMITOMO METAL MINING CO	Positive electrode active material for non-aqueous electrolyte secondary cell and method for manufacturing same, and non-aqueous electrolyte secondary cell
WO 2018128294	SAMSUNG SDI CO LTD	Battery module and automobile comprising same
WO 2018131773	UNIST ULSAN NATIONAL INSTITUTE OF SCIENCE AND TECH	Seawater battery coin cell sealing apparatus and method
WO 2018139451	SANYO ELECTRIC CO	Secondary cell and production method therefor
WO 2018139106	NEC ENERGY DEVICES LTD	Production method for layered battery
WO 2018145150	RELECTRIFY PTY LTD	Battery system
WO 2018147218	SB ENERGY CORP	Power supply system in which a plurality of storage batteries are remotely group-controlled and power supply method
WO 2018147558	LG CHEMICAL LTD	Method for manufacturing electrode for secondary battery suitable for long life
WO 2018155246	HITACHI LTD	Battery control system
WO 2018155853	SAMSUNG SDI CO LTD	Secondary battery having symmetric multi-tabs
WO 2018155522	SANYO ELECTRIC CO	Rectangular secondary battery
WO 2018155834	SAMSUNG SDI CO LTD	Electrode assembly, method for producing same, and secondary battery including same
WO 2018123324	HITACHI LTD	Electrode for lithium ion secondary batteries, and lithium ion secondary battery
WO 2018139789	SAMSUNG SDI CO LTD	Battery housing comprising absorbent layer and insulation film
WO 2018140886	FREEWIRE TECH INC	Apparatus for and methods of fast battery charging
WO 2018142826	DENSO CORP	Vehicle air conditioner
WO 2018143733	LG CHEMICAL LTD	Method for manufacturing lithium secondary battery with improved high-temperature storage properties
WO 2018151415	LG CHEMICAL LTD	Battery cell having improved safety comprising thermally expandable tape and method for manufacturing same
WO 2018150625	MURATA MANUFACTURING CO	Electrolytic solution for secondary batteries, secondary battery, battery pack, electric-powered vehicle, electric power storage system, electric power tool, and electronic device
WO 2018151119	FUJIFILM CORP	Solid electrolyte composition, solid electrolyte-containing sheet, all-solid-state secondary battery, method for producing solid electrolyte-containing sheet, and method for producing all-solid-state secondary battery
WO 2018155852	SAMSUNG SDI CO LTD	Secondary battery
WO 2018155744	MK ELECTRON CO LTD	Anode active material, secondary battery comprising same, and anode active material manufacturing method

WO 2018123337	DAIMLER AG MITSUBISHI FUSO TRUCK AND BUS CORP	Electric vehicle battery holding device
WO 2018123391	HONDA MOTOR CO LTD	Electric circuit and diagnosis method
WO 2018124374	LSIS CO LTD	Earth leakage circuit breaker for electric vehicle charger
WO 2018123526	PANASONIC IP MAN CO LTD	Nonaqueous electrolyte secondary battery
WO 2018123085	MAXELL HOLDINGS LTD	Nonaqueous electrolyte secondary battery
WO 2018128250	SAMSUNG SDI CO LTD	Battery module with thermocouple unit
WO 2018131627	NIPPON ELECTRIC GLASS CO	Electrode mix for sodium ion secondary battery and method for manufacturing same
WO 2018131578	MORI YUKINOBU	Nickel magnesium battery
WO 2018128306	LG CHEMICAL LTD	Battery cooling heat sink employing phase change material capsule
WO 2018132919	DANA CANADA CORP	Counter-flow heat exchanger with in-line fittings
WO 2018123935	TOSHIBA KK TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORP	Non-aqueous electrolyte cell and cell pack
WO 2018124373	LSIS CO LTD	Electric vehicle charger and operation method therefor
WO 2018129884	CONTEMPORARY AMPEREX TECH CO LIMITED	Battery equalization and sampling method
WO 2018130962	CHEN SENTAI	Vehicle power auxiliary system
WO 2018134531	COMMISSARIAT A LENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	Positive electrode material based on a lithiated layered oxide coated, in whole or in part, with another manganese-based oxide, and method for the preparation thereof
WO 2018121183	NIO NEXTEV LTD	Method and device for determining utility of replacement of battery pack for electric vehicle
WO 2018123319	MURATA MANUFACTURING CO	All-solid battery, electronic device, electronic card, wearable device, and electric vehicle
WO 2018124368	HANWHA LAND SYSTEMS CO LTD	Battery pack
WO 2018128395	LG CHEMICAL LTD	Method and device for checking low-voltage defect in secondary battery
WO 2018131380	HITACHI AUTOMOTIVE SYSTEMS LTD	Vehicle control device
WO 2018131843	LG CHEMICAL LTD	Laser welding jig assembly
WO 2018138422	PSA AUTOMOBILES SA	System for securing cables on a rigid conductive bar
WO 2018143737	SAMSUNG SDI CO LTD	Secondary battery
WO 2018123213	PANASONIC CORP	Nonaqueous electrolyte secondary battery
WO 2018124225	DAINIPPON PRINTING CO LTD	Battery packaging material, and battery
WO 2018126136	ROMEO SYSTEMS INC	Systems and methods for battery structure, interconnects, sensing, and balancing
WO 2018131417	HITACHI AUTOMOTIVE SYSTEMS LTD	Rectangular secondary battery
WO 2018145682	GENTHERM GMBH	Electrically conductive film
WO 2018127124	UNIV HONG KONG SCIENCE & TECHNOLOGY	Synthesis of porous carbon microspheres and their application in lithium-sulfur batteries
WO 2018134721	3M INNOVATIVE PROPERTIES CO	Aziridino-functional polyether thermally-conductive gap filler
WO 2018135757	LG CHEMICAL LTD	Method for producing battery module
WO 2018135545	DAINIPPON PRINTING CO LTD	Protective film, battery, and battery production method
WO 2018135756	LG CHEMICAL LTD	Battery module, battery pack comprising such battery module, and vehicle comprising such battery pack
WO 2018135720	LG CHEMICAL LTD	Battery cell

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WO 2018135724	SAMSUNG SDI CO LTD	Manual service disconnection device for battery system
WO 2018135253	NEC ENERGY DEVICES LTD	Positive electrode active substance, positive electrode, and lithium ion secondary cell
WO 2018124674	LG CHEMICAL LTD	Cylindrical battery cell having heat-shrinkable tube comprising ultraviolet stabilizer
WO 2018135890	LG CHEMICAL LTD	Non-aqueous electrolyte for lithium secondary battery, and lithium secondary battery comprising same
WO 2018135353	DAICEL CORP DAICEL FINECHEM LTD	Electrode slurry, electrode, manufacturing method thereof, and secondary battery
WO 2018136226	SEARS BRANDS LLC	Compressible contacts for interfacing charger
WO 2018135889	LG CHEMICAL LTD	Non-aqueous electrolyte for lithium secondary battery, and lithium secondary battery comprising same
WO 2018135043	MURATA MANUFACTURING CO	Electrolyte solution for secondary batteries, secondary battery, battery pack, electric vehicle, electrical energy storage system, electric tool and electronic device
WO 2018135061	MURATA MANUFACTURING CO	Positive electrode active material, positive electrode, battery, battery pack, electronic device, electric vehicle, electric storage device, and electric power system

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SUPERCONDENSADORES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2018160324	GEN ELECTRIC	Drive system and method of operation thereof for reducing dc link current ripple
WO 2018143604	LG CHEMICAL LTD	Apparatus and method for selecting earth capacitor
WO 2018155314	GS YUASA INT LTD	Nonaqueous electrolyte electricity storage element and method for producing same
WO 2018123766	TDK CORP	Metallic foreign body detecting device, wireless power supply device, wireless power receiving device, and wireless power transmitting system
WO 2018123767	TDK CORP	Wireless power supply device, wireless power receiving device, and wireless power transmission system
WO 2018128788	NANOTEK INSTRUMENTS INC	Flexible and shape-conformal rope-shape supercapacitors

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SISTEMAS DE RECUPERACIÓN DE ENERGÍA; FRENOS REGENERATIVOS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2018142104	BENTLEY MOTORS LTD	Regenerative braking system
WO 2018142135	FLYBRID AUTOMOTIVE LTD	An energy storage and recovery system
WO 2018139375	NISSAN MOTOR	Method for controlling electrically driven vehicle and device for controlling electrically driven vehicle
WO 2018155082	HITACHI AUTOMOTIVE SYSTEMS LTD	Vehicle control device
WO 2018155083	HITACHI AUTOMOTIVE SYSTEMS LTD	Hybrid vehicle control apparatus and hybrid vehicle
WO 2018148249	PREMERGY INC	Dynamic control of configurations of electrical circuits
WO 2018123393	AISIN AI CO LTD	Motive power transmission control device
WO 2018119914	SHENZHEN A&E INTELLIGENT TECH INSTITUTE CO LTD	Brake energy feedback method and feedback system for electric vehicle, and vehicle
WO 2018123141	MITSUBISHI ELECTRIC CORP	Drive system and drive control method
WO 2018121734	BYD CO LTD	Vehicle, braking method and apparatus therefor
WO 2018139270	NISSAN MOTOR	Vehicle control device and control method
WO 2018135168	DENSO CORP	Auxiliary machine device and vehicle air-conditioning system

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MÁQUINAS ELÉCTRICAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2018159625	KK TOYOTA JIDOSHOKKI	Power storage apparatus
WO 2018164120	HONDA MOTOR CO LTD NIPPON POP RIVETS AND FASTENERS LTD NEWFREY LLC	Power supply body and rotary electric machine
WO 2018166900	BOSCH GMBH ROBERT	Drive system for a vehicle, method for operating a drive system, and use of the drive system
WO 2018164185	NIPPON STEEL & SUMITOMO METAL CORP	Non-oriented electromagnetic steel sheet and method for manufacturing non-oriented electromagnetic steel sheet
WO 2018130420	PMP PRO MEC S P A	Gearmotor
WO 2018159182	HITACHI AUTOMOTIVE SYSTEMS LTD	Stator, rotating electric machine, stator manufacturing method, rotating electric machine manufacturing method, and coil electric wire used for stator
WO 2018169017	HONDA MOTOR CO LTD	Method for manufacturing stator for rotary electric machine
WO 2018149450	SCHAEFFLER TECHNOLOGIES AG	Electronics housing for an e-axis drive and e-axis having an electronics housing
WO 2018158571	TEVVA MOTORS LTD	Range extender
WO 2018163949	EXEDY CORP	Hybrid vehicle transmission
WO 2018162072	ARCELIK AS	Permanent magnet axial-flux electric machine with auxiliary winding arrangement
WO 2018130859	MAGNOMATICS LTD	An electrical machine and a method of operating an electrical machine
WO 2018165022	GATES CORP	Motor-generator system
WO 2018164122	HONDA MOTOR CO LTD NIPPON POP RIVETS AND FASTENERS LTD NEWFREY LLC	Power supply unit and rotary electric machine
WO 2018169615	SCHAEFFLER TECHNOLOGIES AG SCHAEFFLER GROUP USA INC	A hybrid drive module having a rotor secured to a hub utilizing staking of an end ring
WO 2018124218	AISIN AI CO LTD	Power transmission control device
WO 2018138396	TIZONA MOTORS SL	Electric motor with configurable coil
WO 2018155623	MAZDA MOTOR	Hybrid vehicle power control method and power control device
WO 2018143230	HITACHI METALS LTD	Method for producing r-t-b sintered magnet
WO 2018147044	JFE STEEL CORP	Method for producing non-oriented electromagnetic steel sheet, method for producing motor core, and motor core
WO 2018150200	ARRIVAL LTD	Electric motor
WO 2018155615	MAZDA MOTOR	Motive force control method and motive force control device for hybrid vehicle
WO 2018155625	MAZDA MOTOR	Drive control method and drive control device for hybrid vehicle
WO 2018142119	CAMPERS SCOTLAND LTD	Vehicle system
WO 2018155616	MAZDA MOTOR	Power control method and power control device for hybrid vehicle
WO 2018151256	NSK LTD	Electric vehicle drive device
WO 2018155624	MAZDA MOTOR	Power control method and power control device for hybrid vehicle
WO 2018155617	MAZDA MOTOR	Drive control method and drive control device for hybrid vehicle
WO 2018131710	NIPPON STEEL & SUMITOMO METAL CORP	Non-oriented electromagnetic steel sheet and production method of non-oriented electromagnetic steel sheet
WO 2018141578	JAGUAR LAND ROVER LTD	Fuel tank apparatus and method
WO 2018124219	AISIN AI CO LTD	Power transmission control device
WO 2018123392	AISIN AI CO LTD	Power transmission control device
WO 2018123538	DENSO CORP	Rotational rise abnormality detection device of a dynamo-electric machine, and dynamo-electric machine unit

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WO 2018131294	HITACHI AUTOMOTIVE SYSTEMS LTD	Stator for rotary electric machine and rotary electric machine using same
WO 2018124971	ELAPHE PROPULSION TECH LTD	Arrangement for determining maximum allowable torque
WO 2018128012	HITACHI AUTOMOTIVE SYSTEMS LTD	Electric driving device and vehicle controlling device
WO 2018131683	DENSO CORP	Control device
WO 2018135414	JFE STEEL CORP	Non-oriented electromagnetic steel sheet and production method therefor

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Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2018163796	AUTONETWORKS TECHNOLOGIES LTD SUMITOMO WIRING SYSTEMS SUMITOMO ELECTRIC INDUSTRIES	Terminal device for electric equipment and method for manufacturing terminal device for electric equipment
WO 2018142139	UNIV OXFORD INNOVATION LTD	Smart energy storage cells, control method and system
WO 2018159274	HITACHI INDUSTRY EQUIPMENT SYSTEMS CO LTD	Ac electric motor control device
WO 2018163494	PANASONIC IP MAN CO LTD	Vehicle power supply device
WO 2018163524	HITACHI CONSTRUCTION MACH CO	Electric work vehicle
WO 2018130773	RENAULT SAS NISSAN MOTOR	Bidirectional electrical accumulator battery charger
WO 2018163794	AUTONETWORKS TECHNOLOGIES LTD SUMITOMO WIRING SYSTEMS SUMITOMO ELECTRIC INDUSTRIES	Direct-current voltage conversion device
WO 2018139377	SUMITOMO WIRING SYSTEMS	Wire harness and wire harness connection structure
WO 2018139644	SEKISUI CHEMICAL CO LTD	Resin material and laminate
WO 2018154736	MITSUBISHI ELECTRIC CORP	Power conversion device for electric vehicle
WO 2018131448	SUMITOMO WIRING SYSTEMS	Shield conduction path
WO 2018139645	SEKISUI CHEMICAL CO LTD	Resin material and laminate
WO 2018155299	SUMITOMO WIRING SYSTEMS	Wire harness
WO 2018139639	SEKISUI CHEMICAL CO LTD	Resin material and laminate
WO 2018142863	FUJI ELECTRIC CO LTD	Semiconductor module, electric automobile and power control unit
WO 2018124521	HYOSUNG CORP	Switching control method for isolated bidirectional dc-dc converter
WO 2018139299	DENSO CORP	Inverter control device
WO 2018139271	SUMITOMO WIRING SYSTEMS	Wire harness
WO 2018139267	SUMITOMO WIRING SYSTEMS	Wire harness
WO 2018150802	ALPS ELECTRIC CO LTD	Current sensor
WO 2018143053	HITACHI LTD HITACHI MITO ENG KK	Power conversion device
WO 2018143144	NTN TOYO BEARING CO LTD	Drive power line securing structure for in-wheel motor
WO 2018142653	TANAKA SHOUICHI	Radial gap rotary electric machine
WO 2018142952	HITACHI AUTOMOTIVE SYSTEMS LTD	Motor control device
WO 2018146793	NISSAN MOTOR	Inverter control device and vehicle driving system
WO 2018139641	SEKISUI CHEMICAL CO LTD	Resin material and laminate
WO 2018150793	HITACHI AUTOMOTIVE SYSTEMS LTD	Inverter device and electric vehicle

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WO 2018131397	DENSO CORP	Control device for alternating-current motor
WO 2018131301	HITACHI AUTOMOTIVE SYSTEMS LTD	Power semiconductor device
WO 2018138738	AMARNATH RAKESH KHATOKAR	Electric vehicle
WO 2018123066	MITSUBISHI ELECTRIC CORP	Power conversion device
WO 2018123291	HITACHI AUTOMOTIVE SYSTEMS LTD	Inverter driving device and electric vehicle system in which same is used
WO 2018131276	DENSO CORP	Semiconductor device
WO 2018135104	DENSO CORP	Semiconductor device
WO 2018135391	SUMITOMO WIRING SYSTEMS	Wire harness
WO 2018135390	SUMITOMO WIRING SYSTEMS	Relay connector
WO 2018135239	HITACHI POWER SEMICONDUCTOR DEVICE LTD	Semiconductor device and power conversion apparatus

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RECARGA DE BATERÍAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2018141638	BAYERISCHE MOTOREN WERKE AG	Method for operating an energy storage system and energy storage system
WO 2018145726	VOLKSWAGEN AG	Vehicle-sided conductive charging device, electric vehicle and method for operating vehicle-sided conductive charging device
WO 2018149478	VOLVO TRUCK CORP	A sensing arrangement for determining a displacement of a vehicle with respect to an electrical road system
WO 2018149886	DEMAG CRANES & COMPONENTS GMBH	Charging station for a container transport vehicle, container transport vehicle, and system comprising same
WO 2018163711	PANASONIC IP MAN CO LTD	Charging device, and onboard power source device
WO 2018162253	BOSCH GMBH ROBERT	Energy storage system, use of an energy storage system, charging device, system and method for charging an energy store
WO 2018166725	AUDI AG	Method for pairing at least one inductive charging element with an electrically operatable and inductively chargeable motor vehicle
WO 2018166767	BOSCH GMBH ROBERT	Method for operating a charging device
WO 2018172294	FRAUNHOFER GES FORSCHUNG	Subsurface contact system
WO 2018158460	ABB SCHWEIZ AG	Charging system
WO 2018127825	DUMAREY GUIDO LIEVEN P	Integrated wireless charging system
WO 2018161010	GENTHERM INC	Dual voltage battery system for a vehicle
WO 2018158462	ABB SCHWEIZ AG	Adaptive dc charging cable loss compensation for ev charging
WO 2018141493	ZAHNRADFABRIK FRIEDRICHSHAFEN	Housing for accommodating power electronics for a vehicle, and power electronics system
WO 2018153431	VOLVO TRUCK CORP	A method and arrangement for balancing a battery pack
WO 2018162023	VOLVO TRUCK CORP	A battery state of power estimation method and a battery state monitoring system
WO 2018166815	BAYERISCHE MOTOREN WERKE AG	Stationary storage device for temporarily storing electric energy in an electric supply grid, operating method, and retrofitting module for the stationary storage device
WO 2018152376	AEROVIRONMENT INC	Thermal management of electric vehicle coupler contacts
WO 2018149815	BAYERISCHE MOTOREN WERKE AG	Method for cooling a battery, battery, vehicle with battery, and charging device for charging and cooling a battery
WO 2018159762	YAMAHA MOTOR CO LTD	Charging apparatus
WO 2018160571	ILLINOIS TOOL WORKS	Charging port heater
WO 2018127307	ENVIA MITTELDEUTSCHE ENERGIE AG	Method for operating a node on a supply grid
WO 2018159022	PANASONIC IP MAN CO LTD	Charging device and in-vehicle power supply device
WO 2018159463	DENSO CORP	Control device and control system provided with control device
WO 2018151110	YAMAHA MOTOR CO LTD	Power supply circuit
WO 2018134507	INST VEDECOM	Wireless charging panel, unit for storing energy equipped with said panel and chargeable electrical supply system
WO 2018140178	QUALCOMM INC	Switched-capacitor power ramping for soft switching
WO 2018156360	QUALCOMM INC	Foreign object detection using infrared sensing
WO 2018125894	WITRICITY CORP	Wireless power transmission system having power control
WO 2018147047	HONDA MOTOR CO LTD	Control system, mobile body, and control method
WO 2018132209	QUALCOMM INC	Foreign object detection using heat sensitive material and inductive sensing
WO 2018156732	IOTECHA CORP LOGVINOV OLEG	Method and apparatus for charging a battery from an isolatable electric power grid
WO 2018123018	MITSUBISHI ELECTRIC CORP	Standby state maintaining device
WO 2018131874	LG CHEMICAL LTD	Charging control apparatus and method capable of energy saving and quick cell balancing

WO 2018131338	HITACHI LTD	Wireless battery system
WO 2018134208	HOPPECKE ADVANCED BATTERY TECH GMBH	Battery system, charging system and method for charging a vehicle
WO 2018143724	GEO LINE CO LTD	Power demand device charging system installed in collective building
WO 2018147046	HONDA MOTOR CO LTD	Storage battery management system, mobile body, storage battery, and storage battery management method
WO 2018136990	SEA AUTOMOTIVE PTY LTD	Management system for commercial electric vehicles
WO 2018153641	AUDI AG	Charging device for charging an electrically driven motor vehicle having access to a data network and method for operating a charging device of this kind
WO 2018144921	REBO LIGHTING & ELECTRONICS LLC	Light ring assembly and method of using the same
WO 2018126393	GEN ELECTRIC XU FEI ELASSER AHMED COLOMBI SILVIO HUH KUM KANG	Dc fast charging station for electric vehicles
WO 2018144806	AMI RES & DEVELOPMENT LLC	Electric vehicle charging via rf loops to avoid need for precise alignment with wireless charging equipment
WO 2018141690	RENAULT SAS	Device for retaining a part on a support
WO 2018126634	CONTEMPORARY AMPEREX TECH CO LIMITED	Detection method and device of charging switch of electric vehicle
WO 2018130376	BAYERISCHE MOTOREN WERKE AG	Charging cable for a motor vehicle which can be operated by electricity
WO 2018134217	SIEMENS AG	Electric plug connector having a plug-in cycle counter, and method for the operation thereof
WO 2018147542	SAMSUNG SDI CO LTD	Dual power supply system
WO 2018128703	BLACK & DECKER INC	Battery system
WO 2018132293	UBER TECH INC	Charge control system for mobile energy storage fleet
WO 2018135663	YAMAHA MOTOR CO LTD	Communication-during-discharge-type portable multi-use power storage device
WO 2018129153	CHARGEPOINT INC	Cable clamp for a charging cable of an electric vehicle charging station

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CAMBIO DE BATERÍAS

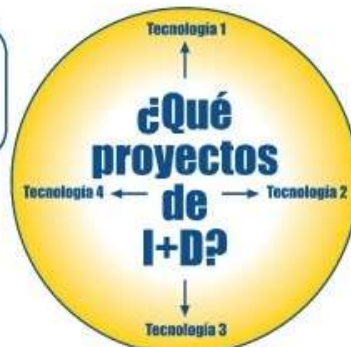
Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2018162235	BOSCH GMBH ROBERT	Energy storage system, use of an energy storage system, charging device, system and method for charging an energy store
WO 2018142039	RENAULT SAS NISSAN MOTOR	Electrical connection device with built-in lockout function
WO 2018153459	FRAMATOME GMBH	Stationary energy installation

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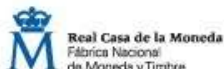
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CONCLUSIÓN



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