

Noticias

El mercado de vehículos eléctricos en España ha experimentado un [notable crecimiento](#) en el primer trimestre de 2016, tanto en vehículos eléctricos puros como en vehículos híbridos. Las comunidades autónomas de Cataluña y Madrid lideraron el ranking de ventas, con un 63,7% del total de vehículos eléctricos y un 53,3% de vehículos híbridos.

La Comunidad de Madrid y el Ayuntamiento de su capital lanzan una iniciativa conjunta para desplegar una [red de puntos de recarga rápida](#), con el objetivo de que siempre haya uno a menos de 10 minutos de circulación a velocidad normal. De esta manera se pretende apoyar el desarrollo de este tipo de vehículos no contaminantes, junto con otras medidas incentivadoras como autorizaciones para aparcar gratis en las zonas de aparcamiento regulado de la capital.

La empresa vasca IRIZAR [invertirá 75 millones de euros](#) en la construcción de una nueva planta de ensamblaje de autobuses eléctricos en la localidad guipuzcoana de Aduna. La división de electromovilidad es la "gran apuesta" de la compañía, cuya facturación proviene en más del 80% de la exportación.

Las Islas Canarias se suman a la apuesta por la movilidad eléctrica: el [Cabildo de Lanzarote](#) destinará más de 300.000 euros en la adquisición de vehículos eléctricos y en infraestructuras de recarga rápida. Por su parte, la [isla de El Hierro](#) pretende impulsar el uso de vehículos eléctricos como medio de optimizar el funcionamiento de la Central Hidroeléctrica y reforzar el camino hacia la sostenibilidad y el respeto medioambiental.

Finalmente, entre los días 3 a 5 de junio tendrá lugar [VEM 2016](#), la segunda edición de la feria del vehículo eléctrico en Madrid, con el objetivo de promover la movilidad eléctrica dando a conocer la oferta de productos y servicios en este sector. Los asistentes podrán probar y conducir los modelos eléctricos de las principales marcas automovilísticas.

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

[BOLETINES OEPM](#)

NIPO: 073-15-016-6

CONTENIDO:

- **TECNOLOGÍAS VEHICULARES**
 - [Baterías](#)
 - [Supercondensadores](#)
 - [Sistemas de recuperación de energía, p.ej. frenos regenerativos](#)
 - [Máquinas eléctricas](#)
 - [Convertidores, inversores](#)

- **INFRAESTRUCTURAS DE CARGA**
 - [Recarga de baterías](#)
 - [Cambio de baterías](#)

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 2016046868	HITACHI LTD	POSITIVE ACTIVE MATERIAL FOR LITHIUM ION SECONDARY BATTERY, POSITIVE ELECTRODE MATERIAL, AND LITHIUM ION SECONDARY BATTERY
WO 2016047199	HITACHI AUTOMOTIVE SYSTEMS LTD	RECTANGULAR SECONDARY BATTERY
WO 2016042373	TOYOTA MOTOR CO LTD	NONAQUEOUS ELECTROLYTE SECONDARY BATTERY AND METHOD OF MANUFACTURING THE SAME
WO 2016047107	PANASONIC IP MAN CO LTD	CELL MODULE
WO 2016042488	UNIV WAYNE STATE	BATTERY STATE OF CHARGE ESTIMATOR
WO 2016045622	POSITEC POWER TOOLS SUZHOU CO CHEN PU	BATTERY, BATTERY PACK AND CONTINUOUS POWER SUPPLY
WO 2016047389	DAINIPPON PRINTING CO LTD	BATTERY PACKAGING MATERIAL
WO 2016042437	SEMICONDUCTOR ENERGY LAB	SECONDARY BATTERY
WO 2016042914	KUREHA CORP	AQUEOUS LATEX, SEPARATOR/INTERMEDIATE LAYER LAMINATE, AND STRUCTURE FOR NONAQUEOUS ELECTROLYTE SECONDARY BATTERIES
WO 2016047416	DAINIPPON PRINTING CO LTD	BATTERY PACKAGING MATERIAL
WO 2016039878	JOHNSON CONTROLS TECH CO	SYSTEMS AND METHODS FOR LITHIUM TITANATE OXIDE (LTO) ANODE ELECTRODES FOR LITHIUM ION BATTERY CELLS
WO 2016047031	SANYO ELECTRIC CO	NONAQUEOUS ELECTROLYTE SECONDARY BATTERY
WO 2016047790	DAINIPPON PRINTING CO LTD	BATTERY PACKAGING MATERIAL
WO 2016044586	UNIV CASE WESTERN RESERVE	COPPER BASED FLOW BATTERIES
WO 2016047566	TOYOTA JIDOSHOKKI KK	ELECTRICITY STORAGE DEVICE
WO 2016036175	IUCF HYU	LITHIUM-AIR BATTERY AND METHOD FOR MANUFACTURING SAME
WO 2016039323	HITACHI MAXELL	NON-AQUEOUS ELECTROLYTE BATTERY, METHOD FOR MANUFACTURING SAME, AND NON-AQUEOUS ELECTROLYTE BATTERY SYSTEM
WO 2016049358	POWERTREE SERVICES INC	SYSTEMS AND METHODS FOR A MODULAR BATTERY PACK
WO 2016033694	DANA CANADA CORP	EXPANDABLE STACKED PLATE HEAT EXCHANGER FOR A BATTERY UNIT
WO 2016039208	DEXERIALS CORP	PROTECTION ELEMENT AND MOUNTED BODY
WO 2016048569	JOHNSON CONTROLS TECH CO	LITHIUM ION BATTERY MODULE WITH FREE FLOATING PRISMATIC BATTERY CELLS
WO 2016035572	AUTONETWORKS TECHNOLOGIES LTD SUMITOMO WIRING SYSTEMS SUMITOMO ELECTRIC INDUSTRIES	WIRING MODULE AND ELECTRICITY STORAGE MODULE
WO 2016038682	TOSHIBA KK	NONAQUEOUS ELECTROLYTE BATTERY AND BATTERY PACK
WO 2016038716	TOSHIBA KK	NONAQUEOUS ELECTROLYTE SECONDARY BATTERY AND BATTERY PACK PROVIDED WITH SAME

WO 2016035853	MITSUI MINING & SMELTING CO	POSITIVE-ELECTRODE ACTIVE MATERIAL FOR LITHIUM SECONDARY CELL
WO 2016037352	DONGGUAN AMPEREX TECH LTD NINGDE AMPEREX TECHNOLOGY LTD	ELECTRODE PLATE COATING REMOVAL METHOD
WO 2016037355	DONGGUAN AMPEREX TECH LTD NINGDE AMPEREX TECHNOLOGY LTD	ELECTRODE PLATE COATING REMOVAL APPARATUS
WO 2016035188	MITSUBISHI MOTORS CORP	VEHICLE EQUIPPED WITH INTERNAL COMBUSTION ENGINE
WO 2016035852	MITSUI MINING & SMELTING CO	LITHIUM METAL COMPOSITE OXIDE POWDER
WO 2016039204	NTN TOYO BEARING CO LTD NODA HIROYUKI MIZUTANI MASATOSHI MORI NATSUHIKO	BATTERY CHECKER
WO 2016039513	UNIV KEIMYUNG IACF	METHOD FOR PRODUCING SILICON-BASED CARBON NANOFIBER COMPOSITE USING IRON-COPPER BASED CATALYST AND METHOD FOR PRODUCING SECONDARY BATTERY USING SAME
WO 2016035159	FUJI ELECTRIC CO LTD	IN-VEHICLE CHARGING DEVICE
WO 2016035309	GS YUASA INT LTD	POWER STORAGE ELEMENT
WO 2016035537	TOYOTA JIDOSHOKKI KK	BATTERY PACK
WO 2016035989	LG CHEMICAL LTD	VEHICLE AUXILIARY GENERATOR FOR GENERATING POWER THROUGH INERTIAL FORCE
WO 2016035308	GS YUASA INT LTD	POWER STORAGE DEVICE
WO 2016035601	AUTONETWORKS TECHNOLOGIES LTD SUMITOMO WIRING SYSTEMS SUMITOMO ELECTRIC INDUSTRIES	WIRING MODULE AND METHOD FOR PRODUCING WIRING MODULE
WO 2016040823	MEASUREMENT LTD PETRUCELLI STEVEN	BATTERY TESTER
WO 2016039503	ROUTEJADE INC	SECONDARY BATTERY PROVIDED WITH OVERCURRENT BLOCKING MEANS
WO 2016000276	CHENGDU ZHONGKE LAIFANG POWER SCIENCE & TECHNOLOGY CO LTD	AQUEOUS COMPOSITION OF DIAPHRAGM USED FOR MODIFIED LITHIUM ION BATTERY, MODIFIED DIAPHRAGM AND BATTERY
WO 2016025565	FCA US LLC	DYNAMIC BATTERY SYSTEM WITH VOLTAGE CONTROL AND MIXED DYNAMIC SERIES AND PARALLEL CELL CONNECTIONS WITH A CELL BYPASS CIRCUIT
WO 2016001726	TOYOTA MOTOR CO LTD	CONTROLLER FOR HYBRID VEHICLE
WO 2016032240	LG CHEMICAL LTD	NEGATIVE ELECTRODE ACTIVE MATERIAL HAVING DOUBLE COATING LAYERS, METHOD FOR PREPARING SAME, AND LITHIUM SECONDARY BATTERY COMPRISING SAME
WO 2016006066	NISSAN MOTOR	CONTACTLESS POWER SUPPLY DEVICE
WO 2016017142	PANASONIC IP MAN CO LTD	CONTACTLESS POWER-FEEDING DEVICE AND CONTACTLESS POWER-FEEDING SYSTEM USING SAME
WO 2016017143	PANASONIC IP MAN CO LTD	CONTACTLESS POWER-FEEDING DEVICE AND CONTACTLESS POWER-FEEDING SYSTEM USING SAME
WO 2016006293	TOYO TIRE & RUBBER CO	DEFORMATION DETECTION METHOD FOR A SEALED-TYPE RECHARGABLE BATTERY AND SEALED-TYPE RECHARGABLE BATTERY
WO 2016006404	FUJIFILM CORP	ELECTROLYTE SOLUTION FOR NON-AQUEOUS SECONDARY BATTERY AND NON-AQUEOUS SECONDARY BATTERY, AND ADDITIVE FOR USE IN SAME
WO 2016033210	JOHNSON CONTROLS TECH CO	WELDING PROCESS FOR SEALING A BATTERY MODULE
WO 2016005590	REPSOL SA	CATHODE FOR LITHIUM BATTERIES

WO 2016031977	SUMITOMO ELECTRIC INDUSTRIES	NEGATIVE ELECTRODE MATERIAL FOR POWER STORAGE DEVICE, MANUFACTURING METHOD THEREOF, AND LITHIUM ION POWER STORAGE DEVICE
WO 2016018871	JOHNSON CONTROLS TECH CO	OVERCHARGE PROTECTION DEVICE FOR A BATTERY MODULE
WO 2016033479	UNIV MICHIGAN	BULK FORCE IN A BATTERY PACK AND ITS APPLICATION TO STATE OF CHARGE ESTIMATION
WO 2016018863	JOHNSON CONTROLS TECH CO	MANIFOLD VENT CHANNEL FOR A BATTERY MODULE
WO 2016025734	UNIV HOUSTON SYSTEM	RECHARGEABLE ALKALINE BATTERY USING ORGANIC MATERIALS AS NEGATIVE ELECTRODES
WO 2016002295	TOYO TIRE & RUBBER CO	METHOD FOR DETERMINING ABNORMALITY IN BATTERY PACK, AND DEVICE FOR DETERMINING ABNORMALITY IN BATTERY PACK
WO 2016012922	LITHIUM BALANCE AS	ELECTROCHEMICAL IMPEDANCE SPECTROSCOPY IN BATTERY MANAGEMENT SYSTEMS
WO 2016017092	SANYO ELECTRIC CO	NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY
WO 2016017687	AUTONETWORKS TECHNOLOGIES LTD SUMITOMO WIRING SYSTEMS SUMITOMO ELECTRIC INDUSTRIES	POWER STORAGE MODULE AND WATERPROOF STRUCTURE FOR POWER STORAGE MODULE
WO 2016017714	FUJIFILM CORP	ALL-SOLID SECONDARY BATTERY, AND METHOD FOR MANUFACTURING INORGANIC SOLID ELECTROLYTE PARTICLES, SOLID ELECTROLYTE COMPOSITION, ELECTRODE SHEET FOR BATTERIES, AND ALL-SOLID SECONDARY BATTERY
WO 2016027377	HITACHI AUTOMOTIVE SYSTEMS LTD	ON-BOARD BATTERY PACK
WO 2016027673	NEC CORP	BATTERY HAVING CURRENT INTERRUPTING FUNCTION AND METHOD FOR MANUFACTURING SAME
WO 2016029418	SUN XUYANG	MAGNETIC CONTROLLED METAL SECONDARY BATTERY
WO 2016030918	NISSHIN STEEL CO LTD	LITHIUM-ION SECONDARY-BATTERY CASE AND MANUFACTURING METHOD THEREFOR
WO 2016030931	NISSAN MOTOR	BATTERY COOLING DEVICE
WO 2016031081	NEC CORP	ELECTROCHEMICALLY MODIFIED CARBON MATERIAL FOR LITHIUM-ION BATTERY
WO 2016031121	NISSAN MOTOR HITACHI AUTOMOTIVE SYSTEMS LTD	BATTERY COOLING STRUCTURE, BATTERY MODULE, AND BATTERY MODULE CASE
WO 2016031862	HITACHI AUTOMOTIVE SYSTEMS LTD NISSAN MOTOR	POWER STORAGE MODULE
WO 2016031863	HITACHI AUTOMOTIVE SYSTEMS LTD NISSAN MOTOR	ELECTRICITY STORAGE DEVICE
WO 2016009994	UBE INDUSTRIES	NON-AQUEOUS ELECTROLYTE SOLUTION AND ELECTRICITY STORAGE DEVICE IN WHICH SAME IS USED
WO 2016017073	SANYO ELECTRIC CO	POSITIVE ELECTRODE FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY
WO 2016017382	TOYOTA JIDOSHOKKI KK	CONTACTLESS CHARGING SYSTEM AND CONTACTLESS POWER SUPPLY DEVICE
WO 2016017758	FUJIFILM CORP	ALL-SOLID SECONDARY BATTERY, SOLID ELECTROLYTE COMPOSITION, BATTERY ELECTRODE SHEET USING SAME, METHOD FOR PRODUCING BATTERY ELECTRODE SHEET, AND METHOD FOR PRODUCING ALL-SOLID SECONDARY BATTERY
WO 2016017759	FUJIFILM CORP	ALL-SOLID SECONDARY BATTERY, SOLID ELECTROLYTE COMPOSITION, BATTERY ELECTRODE SHEET USING SAME, METHOD FOR PRODUCING BATTERY ELECTRODE SHEET, AND METHOD FOR PRODUCING ALL-SOLID SECONDARY BATTERY
WO 2016017983	LG CHEMICAL LTD	BATTERY MODULE
WO 2016019309	NORTHEASTERN UNIVERISTY	CARBON NANOTUBE-BASED LITHIUM ION BATTERY

WO 2016021736	KUREHA CORP	CARBONACEOUS MATERIAL FOR NEGATIVE ELECTRODE OF NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY
WO 2016020795	SEMICONDUCTOR ENERGY LAB	ELECTRONIC DEVICE EQUIPPED WITH CAPACITIVE DEVICE
WO 2016024594	NAT INST OF ADVANCED IND SCIEN	ELECTROLYTE FOR NONAQUEOUS SECONDARY CELL AND NONAQUEOUS SECONDARY CELL USING SAME
WO 2016030788	SENDYNE CORP	ATTACHMENT OF LEADS HAVING LOW THERMOELECTRIC ERRORS
WO 2016031208	PANASONIC IP MAN CO LTD	CELL MODULE AND CELL PACK
WO 2016031561	NIPPON ELECTRIC GLASS CO	POSITIVE ELECTRODE ACTIVE MATERIAL FOR SODIUM ION SECONDARY BATTERIES AND METHOD FOR PRODUCING SAME
WO 2016031677	CS ENERGY MATERIALS LTD	NICKEL LITHIUM METAL COMPOSITE OXIDE POWDER AND METHOD FOR MANUFACTURING SAME
WO 2016031772	SHIN KOBE ELECTRIC MACHINERY	LEAD STORAGE BATTERY
WO 2016032092	LG CHEMICAL LTD	BATTERY MODULE
WO 2016008951	IMERYS GRAPHITE & CARBON SWITZERLAND LTD	HYDROPHILIC SURFACE-MODIFIED CARBONACEOUS PARTICULATE MATERIAL
WO 2016019449	CT NAC DE PESQUISA EM EN E MATERIAIS CNPEM	METHOD AND CELL FOR PRODUCING ELECTRICITY BY HYDROELECTRICITY AND DIRECT OXIDATION OF SOLID AND LIQUID REDUCING SUBSTANCES
WO 2016020999	NISSAN MOTOR	BATTERY PACK AND TAB-JOINING METHOD
WO 2016024394	GS YUASA INT LTD	POSITIVE ELECTRODE PLATE FOR NON-AQUEOUS ELECTROLYTE ELECTRICITY-STORAGE ELEMENT, AND NON-AQUEOUS ELECTROLYTE ELECTRICITY-STORAGE ELEMENT
WO 2016031085	NEC CORP	ANODE MATERIAL FOR LITHIUM ION BATTERY
WO 2016002481	CENTRAL GLASS CO LTD	ELECTROLYTE SOLUTION FOR NONAQUEOUS ELECTROLYTE BATTERIES, AND NONAQUEOUS ELECTROLYTE BATTERY USING SAME
WO 2016015281	ABB TECHNOLOGY LTD YAO DAWEI YANG XIAOBO YUAN CHUNMING YANG CHAO	SYSTEM FOR CHARGING BATTERY OF ELECTRIC VEHICLE
WO 2016017018	MITSUBISHI ELECTRIC CORP	HOME ENERGY MANAGEMENT SYSTEM, HOME ENERGY MANAGEMENT METHOD, AND PROGRAM
WO 2016017074	SANYO ELECTRIC CO	POSITIVE ELECTRODE FOR NONAQUEOUS ELECTROLYTE SECONDARY BATTERY AND NONAQUEOUS ELECTROLYTE SECONDARY BATTERY USING SAME
WO 2016017077	SONY CORP	POSITIVE-ELECTRODE ACTIVE MATERIAL, POSITIVE ELECTRODE, BATTERY, BATTERY PACK, ELECTRONIC DEVICE, ELECTRIC VEHICLE, ELECTRICITY STORAGE APPARATUS, AND POWER SYSTEM
WO 2016017809	UBE INDUSTRIES	NON-AQUEOUS ELECTROLYTE AND POWER STORAGE DEVICE USING SAME
WO 2016021614	SHIN KOBE ELECTRIC MACHINERY	LITHIUM ION CELL AND METHOD FOR DETERMINING BAD LITHIUM ION CELL
WO 2016030932	NISSAN MOTOR	BATTERY COOLING STRUCTURE AND THE COVER PLATE
WO 2016007710	CONTROL MODULE INC	SYSTEM FOR COILING ELECTRICAL CABLE FOR ELECTRIC VEHICLE CHARGING
WO 2016009261	TOYOTA MOTOR CO LTD	METHOD OF MANUFACTURING NONAQUEOUS SECONDARY BATTERY
WO 2016017079	SONY CORP	POSITIVE-ELECTRODE ACTIVE MATERIAL, POSITIVE ELECTRODE, BATTERY, BATTERY PACK, ELECTRONIC DEVICE, ELECTRIC VEHICLE, ELECTRICITY STORAGE APPARATUS, AND POWER SYSTEM
WO 2016017360	SUMITOMO METAL MINING CO	POSITIVE ELECTRODE ACTIVE MATERIAL FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERIES, PRODUCTION METHOD THEREFOR, AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY
WO 2016017424	NEC CORP	CONTROL DEVICE, APPARATUS CONTROL DEVICE, REPORTING METHOD, AND RECORDING MEDIUM

WO 2016018023	LG CHEMICAL LTD	GRAPHITE SECONDARY PARTICLE, AND LITHIUM SECONDARY BATTERY COMPRISING SAME
WO 2016018113	SK INNOVATION CO LTD	BATTERY MODULE FOR FIXING DIMENSIONS OF BATTERY CELL
WO 2016018129	LG CHEMICAL LTD	SECONDARY BATTERY POUCH WITH ENHANCED INSULATION PROPERTY, AND METHOD FOR MANUFACTURING SAME
WO 2016021513	HITACHI CHEMICAL CO LTD	LITHIUM ION SECONDARY BATTERY
WO 2016021737	KUREHA CORP	METHOD FOR MANUFACTURING CARBONACEOUS MATERIAL FOR NEGATIVE ELECTRODE OF NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, AND CARBONACEOUS MATERIAL FOR NEGATIVE ELECTRODE OF NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY
WO 2016027991	LG CHEMICAL LTD	BATTERY CELL HAVING IMPROVED COOLING PERFORMANCE
WO 2016017071	SONY CORP	POSITIVE ELECTRODE ACTIVE MATERIAL, POSITIVE ELECTRODE, BATTERY, BATTERY PACK, ELECTRONIC EQUIPMENT, ELECTRIC VEHICLE, POWER STORAGE DEVICE, AND POWER SYSTEM
WO 2016024322	HITACHI MAXELL	ELECTRICITY STORAGE DEVICE
WO 2016032101	ORANGE POWER LTD	ENERGY STORAGE SYSTEM
WO 2016033222	JOHNSON CONTROLS TECH CO	COLLAR FOR SEALING A BATTERY MODULE
WO 2016002839	IHI CORP	POWER-RECEIVING DEVICE, CONTACTLESS POWER SUPPLY SYSTEM, AND POWER-FEEDING DEVICE
WO 2016017527	FUJIFILM CORP	ALL-SOLID-STATE SECONDARY CELL, ELECTRODE SHEET FOR CELL, METHOD FOR MANUFACTURING ELECTRODE SHEET FOR CELL, SOLID ELECTROLYTE COMPOSITION, METHOD FOR MANUFACTURING SOLID ELECTROLYTE COMPOSITION, AND METHOD FOR MANUFACTURING ALL-SOLID-STATE SECONDARY CELL
WO 2016021286	CONNEXX SYSTEMS CORP	HIGH-VOLTAGE BATTERY PACK WITH INTEGRATED HEAT EXCHANGER AND PRODUCTION METHOD THEREFOR
WO 2016027588	JX NIPPON OIL & ENERGY CORP	ORGANIC ELECTROLYTE AND ORGANIC ELECTROLYTE STORAGE BATTERY
WO 2016029438	HUAWEI TECH CO LTD	LITHIUM-ION BATTERY, TERMINAL, AND CHARGING APPARATUS AND METHOD FOR LITHIUM-ION BATTERY
WO 2016002749	AUTONETWORKS TECHNOLOGIES LTD SUMITOMO WIRING SYSTEMS SUMITOMO ELECTRIC INDUSTRIES	ELECTRICAL JUNCTION BOX
WO 2016017525	FUJIFILM CORP	ALL-SOLID-STATE SECONDARY CELL, ELECTRODE SHEET FOR CELL, METHOD FOR MANUFACTURING ELECTRODE SHEET FOR CELL, SOLID ELECTROLYTE COMPOSITION, METHOD FOR MANUFACTURING SOLID ELECTROLYTE COMPOSITION, AND METHOD FOR MANUFACTURING ALL-SOLID-STATE SECONDARY CELL
WO 2016017783	SUMITOMO METAL MINING CO	POSITIVE ELECTRODE ACTIVE MATERIAL FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, AND METHOD FOR PRODUCING SAME
WO 2016024496	KANTO DENKA KOGYO KK	NON-AQUEOUS ELECTROLYTE CONTAINING MONOFLUOROPHOSPHATE ESTER AND NON-AQUEOUS ELECTROLYTE BATTERY USING SAME
WO 2016031758	DAINIPPON PRINTING CO LTD	PACKAGING MATERIAL FOR BATTERY
WO 2016009768	MITSUI MINING & SMELTING CO	SULFIDE-BASED SOLID ELECTROLYTE FOR LITHIUM ION BATTERIES
WO 2016013085	HITACHI AUTOMOTIVE SYSTEMS LTD	SECONDARY BATTERY
WO 2016010056	KAWAKAMI SOICHIRO	NEGATIVE ELECTRODE MATERIAL FOR POWER STORAGE DEVICE, ELECTRODE STRUCTURE, POWER STORAGE DEVICE, AND PRODUCTION METHOD FOR EACH
WO 2016008045	FOURNIER PAUL W	ELECTRIC VEHICLE CHARGING SYSTEM

WO 2016009756	HITACHI AUTOMOTIVE SYSTEMS LTD	BATTERY STATE DETECTION DEVICE, SECONDARY BATTERY SYSTEM, PROGRAM PRODUCT, AND BATTERY STATE DETECTION METHOD
WO 2016009757	HITACHI AUTOMOTIVE SYSTEMS LTD	BATTERY STATE DETECTION DEVICE, SECONDARY BATTERY SYSTEM, PROGRAM PRODUCT, AND BATTERY STATE DETECTION METHOD
WO 2016022117	ACADEMIA SINICA	METHOD OF PREPARATION A BATTERY ELECTRODE BY SPRAY COATING, AN ELECTRODE AND A BATTERY MADE BY METHOD THEREOF
WO 2016009923	DAIKIN IND LTD	ELECTROLYTE SOLUTION AND METHOD FOR PRODUCING SULFATE SALT
WO 2016011613	BASF CORP BASF BATTERY MATERIALS SUZHOU CO LTD	ELECTROLYTES FOR LITHIUM TRANSITION METAL PHOSPHATE BATTERIES
WO 2016013158	TOYOTA MOTOR CO LTD	MOTOR-DRIVEN VEHICLE
WO 2016009917	SONY CORP	ISOLATED DC POWER SUPPLY DEVICE
WO 2016018192	AGENCY SCIENCE TECH & RES UNIV LIVERPOOL	METHOD OF PREPARING A POROUS CARBON MATERIAL
WO 2016019001	RENSSELAER POLYTECH INST	SCALABLE SILICON ANODES AND THE ROLE OF PARYLENE FILMS IN IMPROVING ELECTRODE PERFORMANCE CHARACTERISTICS IN ENERGY STORAGE SYSTEMS
WO 2016009794	SONY CORP	NEGATIVE ELECTRODE ACTIVE MATERIAL FOR SECONDARY BATTERY, NEGATIVE ELECTRODE FOR SECONDARY BATTERY, SECONDARY BATTERY, BATTERY PACK, ELECTRIC VEHICLE, ELECTRIC POWER STORAGE SYSTEM, ELECTRIC TOOL, AND ELECTRONIC EQUIPMENT
WO 2016014831	FASTER FASTER INC	BATTERY ASSEMBLY
WO 2016010125	DAINIPPON PRINTING CO LTD	CELL PACKAGING MATERIAL
WO 2016011119	BALANSTRING TECHNOLOGY LLC	BALANCING SERIES-CONNECTED ELECTRICAL ENERGY UNITS
WO 2016013434	ZEON CORP	COMPOSITE PARTICLES FOR ELECTROCHEMICAL ELEMENT ELECTRODE, ELECTROCHEMICAL ELEMENT ELECTRODE, ELECTROCHEMICAL ELEMENT, PRODUCTION METHOD FOR COMPOSITE PARTICLES FOR ELECTROCHEMICAL ELEMENT ELECTRODE, AND PRODUCTION METHOD FOR ELECTROCHEMICAL ELEMENT ELECTRODE
WO 2016013856	EMW ENERGY CO LTD	SILICON SECONDARY BATTERY
WO 2016013224	IDEMITSU KOSAN CO	SOLID ELECTROLYTE COMPOSITION, METHOD FOR PRODUCING SAME, METHOD FOR PRODUCING SOLID ELECTROLYTE-CONTAINING LAYER, ELECTROLYTE LAYER, AND BATTERY
WO 2016013364	NEC CORP	NONAQUEOUS ELECTROLYTE SOLUTION AND LITHIUM ION SECONDARY BATTERY
WO 2016013365	SHARP KK	AUTONOMOUS VEHICLE
	MAKITA CORP	
WO 2016013150	PANASONIC IP MAN CO LTD	BATTERY MODULE

[...volver a CONTENIDO](#)

SUPERCONDENSADORES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2016039098	YAZAKI CORP	TEMPERATURE SENSING DEVICE
WO 2016036607	GRAPHENE 3D LAB INC	ELECTROCHEMICAL DEVICES COMPRISING NANOSCOPIC CARBON MATERIALS MADE BY ADDITIVE MANUFACTURING
WO 2016016896	STOREDOT LTD	ANODES FOR LITHIUM-ION DEVICES

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SISTEMAS DE RECUPERACIÓN DE ENERGÍA; FRENOS REGENERATIVOS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2016043628	KRISHTOP ANATOLY MIKHAILOVICH	HYBRID POWER UNIT OF WHEELED VEHICLE
WO 2016004964	EL SEBERBAWY AMR SAIED ABED EL GHAFAR	CAR ENGINE USING NEGATIVE PRESSURE
WO 2016021426	JATCO LTD	FLYWHEEL REGENERATION SYSTEM AND METHOD FOR CONTROLLING SAME
WO 2016028168	EDDY CURRENT LTD PARTNERSHIP	TUNING OF A KINEMATIC RELATIONSHIP BETWEEN MEMBERS
WO 2016030941	mitsubishi electric corp	CONTROL DEVICE FOR ELECTRIC ROLLING STOCK
WO 2016028169	EDDY CURRENT LTD PARTNERSHIP	TUNING OF A KINEMATIC RELATIONSHIP BETWEEN MEMBERS
WO 2016024030	RALENTIZADORES Y TRANSFORMACIONES S A	AUTONOMOUS RETARDER SYSTEM FOR A VEHICLE, AND VEHICLE INCLUDING SAME
WO 2016016483	IRIZAR S COOP CREATIO IRIZAR GROUP INNOVATION CT AIE	PASSENGER VEHICLE
WO 2016028170	EDDY CURRENT LTD PARTNERSHIP	LATCHING DEVICES
WO 2016013376	HITACHI CONSTRUCTION MACHINERY	BRAKING DISTANCE SUPPRESSION DEVICE
WO 2016013243	mitsubishi electric corp	POWER MANAGEMENT DEVICE, POWER MANAGEMENT SYSTEM, AND MOTOR VEHICLE

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MÁQUINAS ELÉCTRICAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2016043714	CLINES DARRYL	THE "AUTOMOTIVE CONVERSION TECHNOLOGY SYSTEM"
WO 2016043039	HITACHI METALS LTD	METHOD FOR PRODUCING R-T-B-BASED SINTERED MAGNET
WO 2016043011	NTN TOYO BEARING CO LTD SUZUKI MINORU UOZUMI TOMOHISA	IN-WHEEL MOTOR DRIVE DEVICE
WO 2016047292	TOKAI RIKA CO LTD	ELECTRIC CURRENT SENSOR
WO 2016035530	NIPPON STEEL & SUMITOMO METAL CORP	GRAIN-ORIENTED ELECTROMAGNETIC STEEL SHEET
WO 2016035600	AUTONETWORKS TECHNOLOGIES LTD SUMITOMO WIRING SYSTEMS SUMITOMO ELECTRIC INDUSTRIES	CIRCUIT STRUCTURE, ELECTRICAL JUNCTION BOX, AND SPACER
WO 2016039352	HITACHI METALS LTD	PRODUCTION METHOD FOR R-T-B SINTERED MAGNET
WO 2016035398	HITACHI AUTOMOTIVE SYSTEMS LTD	ELECTRICALLY DRIVEN OIL PUMP
WO 2016035534	HITACHI AUTOMOTIVE SYSTEMS LTD	STATOR FOR ROTARY ELECTRIC MACHINE AND ROTARY ELECTRIC MACHINE PROVIDED WITH SAME
WO 2016032839	HELIX POWER CORP	HIGH POWER FLYWHEEL SYSTEM
WO 2016035358	LINK CO LTD M	CORELESS ROTATING ELECTRIC MACHINE PROVIDED WITH STATOR INCLUDING CYLINDRICAL COIL AND COOLING METHOD FOR SAME
WO 2016035575	HORIBA LTD	ELECTRIC MOTOR TEST SYSTEM
WO 2016039353	HITACHI METALS LTD	PRODUCTION METHOD FOR R-T-B SINTERED MAGNET
WO 2016039258	NTN TOYO BEARING CO LTD TAMURA SHIRO ISHIKAWA TAKANORI TAIKOU SHINYA	IN-WHEEL MOTOR DRIVE DEVICE
WO 2016039351	FURUKAWA ELECTRIC CO LTD FURUKAWA MAGNET WIRE CO LTD	INSULATED ELECTRIC WIRE, COIL, ELECTRIC/ELECTRONIC DEVICE, AND METHOD FOR MANUFACTURING INSULATED ELECTRIC WIRE
WO 2016034133	POSITEC POWER TOOLS SUZHOU CO	POWER TOOL
WO 2016039746	NISSAN MOTOR WISCONSIN ALUMNI RES FOUND	PERMANENT MAGNET SYNCHRONOUS MOTOR
WO 2016035546	HITACHI AUTOMOTIVE SYSTEMS LTD	HOUSING FOR ROTARY ELECTRIC MACHINE AND ROTARY ELECTRIC MACHINE EQUIPPED WITH SAME
WO 2016038680	NISSAN MOTOR	HYBRID VEHICLE CONTROL DEVICE
WO 2016035533	HITACHI AUTOMOTIVE SYSTEMS LTD	STATOR FOR ROTARY ELECTRIC MACHINE AND ROTARY ELECTRIC MACHINE EQUIPPED WITH SAME
WO 2016006519	MIYAKE KUNIHIRO OMORI NARIE	HYBRID VEHICLE
WO 2016000290	DAI JIE	DECLINATION PERMANENT MAGNET MOTOR ROTOR
WO 2016006325	JATCO LTD	DRIVING MECHANISM
WO 2016032757	SIEMENS INDUSTRY INC	ELECTRIC DRIVE SYSTEM FOR MINING HAUL TRUCK
WO 2016026544	AUDI AG	METHOD FOR PREDICTING THE CONSUMPTION OF A MOTOR VEHICLE, MOTOR VEHICLE AND COMPUTER PROGRAM
WO 2016027710	NTN TOYO BEARING CO LTD TAMURA SHIRO ISHIKAWA TAKANORI TAIKOU SHINYA	BREATHER STRUCTURE FOR VEHICLE MOTOR DRIVE DEVICE, AND IN-WHEEL MOTOR DRIVE DEVICE EQUIPPED WITH BREATHER STRUCTURE
WO 2016027711	NTN TOYO BEARING CO LTD TAMURA SHIRO ISHIKAWA TAKANORI TAIKOU SHINYA	TERMINAL MOUNTING STRUCTURE FOR VEHICLE MOTOR DRIVE DEVICE
WO 2016027463	KAWASAKI HEAVY IND LTD	HYDRAULIC PUMP DRIVE SYSTEM

WO 2016017201	JATCO LTD	VEHICLE CONTROL DEVICE AND CONTROL METHOD
WO 2016032508	NISSAN MOTOR WISCONSIN ALUMNI RES FOUND	VARIABLE MAGNETIZATION MACHINE CONTROLLER
WO 2016017370	AISIN AW CO	ROTATING ELECTRIC MACHINE
WO 2016024511	JFE STEEL CORP	NON-ORIENTED ELECTROMAGNETIC STEEL SHEET HAVING EXCELLENT MAGNETIC CHARACTERISTICS
WO 2016024319	YASKAWA DENKI SEISAKUSHO KK	VEHICLE BRAKING SYSTEM, ROTATING ELECTRICAL MACHINE, AND VEHICLE
WO 2016027465	KAWASAKI HEAVY IND LTD	HYDRAULIC PUMP DRIVE SYSTEM
WO 2016021451	HITACHI AUTOMOTIVE SYSTEMS LTD	ROTATING-ELECTRICAL-MACHINE STATOR, AND ROTATING ELECTRICAL MACHINE PROVIDED WITH SAME
WO 2016031178	JFE STEEL CORP	NON-ORIENTED ELECTRICAL STEEL SHEET AND MANUFACTURING METHOD THEREOF
WO 2016017351	NTN TOYO BEARING CO LTD MAKINO TOMOAKI HIRAI ISAO	CYCLOIDAL SPEED REDUCER AND IN-WHEEL MOTOR DRIVE DEVICE PROVIDED WITH SAME
WO 2016027791	INTERMETALLICS CO LTD	RF _{Fe} B-BASED SINTERED MAGNET
WO 2016017563	HITACHI AUTOMOTIVE SYSTEMS LTD	STATOR FOR ROTARY ELECTRIC MACHINE, AND ROTARY ELECTRIC MACHINE PROVIDED WITH SAME
WO 2016013063	NISSAN MOTOR	MOTOR CONTROL APPARATUS AND MOTOR CONTROL METHOD
WO 2016025335	NY THOU M	ELECTRICAL ENERGY GENERATING BRUSHLESS DC MOTOR
WO 2016002571	NTN TOYO BEARING CO LTD UOZUMI TOMOHISA ENSOU TOSHIAKI SUZUKI KENICHI	IN-WHEEL MOTOR DRIVE DEVICE
WO 2016027847	HITACHI METALS LTD	INSULATED ELECTRIC WIRE AND METHOD FOR MANUFACTURING ROTARY ELECTRICAL MACHINE USING SAME
WO 2016002904	NIPPON STEEL & SUMITOMO METAL CORP	NON-ORIENTED MAGNETIC STEEL SHEET, AND MANUFACTURING METHOD FOR SAME
WO 2016013237	JATCO LTD	CONTINUOUSLY VARIABLE TRANSMISSION, AND METHOD FOR CONTROLLING SAME
WO 2016013238	JATCO LTD	HYBRID VEHICLE CONTROL DEVICE AND CONTROL METHOD THEREFOR
WO 2016013450	TOYOTA JIDOSHOKKI KK	ROTATING ELECTRIC MACHINE

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CONVERTIDORES, INVERSORES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2016042859	TOSHIBA KK	POWER CONVERSION DEVICE
WO 2016035651	TOYOTA MOTOR CO LTD	POWER MODULE
WO 2016034050	GER CHIH-CHAN	ELECTRIC VEHICLE, POWER SUPPLY STATION, AND POWER MAINTAINING METHOD FOR ELECTRIC VEHICLE
WO 2016004745	UNITED AUTOMOTIVE ELETRONIC SYSTEMS CO LTD	INTEGRATED COPPER BAR FOR SECONDARY-SIDE POWER CIRCUIT OF POWER ELECTRONIC CONVERTER
WO 2016019278	GROWING ENERGY LABS INC	PREDICTING AND OPTIMIZING ENERGY STORAGE LIFETIME PERFORMANCE WITH ADAPTIVE AUTOMATION CONTROL SOFTWARE
WO 2016024223	INESC PORTO INST DE ENGENHARIA DE SISTEMAS E COMPUTADORES DO PORTO	AC/DC CONVERTER WITH THREE TO SINGLE PHASE MATRIX CONVERTER, FULL-BRIDGE AC/DC CONVERTER AND HF TRANSFORMER
WO 2016021314	AISIN AW CO	INVERTER
WO 2016021565	FUJI ELECTRIC CO LTD	SEMICONDUCTOR DEVICE
WO 2016032131	LG CHEMICAL LTD	POWER CONTROL SYSTEM AND METHOD FOR CONTROLLING INPUT POWER LIMIT OF DC-DC VOLTAGE CONVERTER
WO 2016002748	AUTONETWORKS TECHNOLOGIES LTD SUMITOMO WIRING SYSTEMS SUMITOMO ELECTRIC INDUSTRIES	ELECTRICAL JUNCTION BOX
WO 2016017390	AISIN AW CO	POWER CONVERSION DEVICE CONTROL BOARD
WO 2016027569	HITACHI AUTOMOTIVE SYSTEMS LTD	REACTOR AND DC-DC CONVERTER USING SAME
WO 2016017267	HITACHI AUTOMOTIVE SYSTEMS LTD	POWER CONVERSION DEVICE
WO 2016031317	HITACHI LTD	POWER SEMICONDUCTOR DEVICE AND POWER SEMICONDUCTOR DEVICE PRODUCTION METHOD
WO 2016021329	HITACHI AUTOMOTIVE SYSTEMS LTD	POWER CONVERSION DEVICE
WO 2016009556	MITSUBISHI ELECTRIC CORP	VEHICLE-USE AUXILIARY POWER SOURCE DEVICE
WO 2016021341	HITACHI AUTOMOTIVE SYSTEMS LTD	POWER MODULE

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RECARGA DE BATERÍAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2016043099	NTN TOYO BEARING CO LTD NODA HIROYUKI MIZUTANI MASATOSHI MORI NATSUHIKO	CHARGING DEVICE
WO 2016042181	INSTALACIONES INABENSA S A	SYSTEM AND METHOD FOR INDUCTIVELY RECHARGING BATTERIES OF ELECTRIC VEHICLES
WO 2016027013	RENAULT SAS	BATTERY CHARGER FOR HIGH-INTEGRATION ELECTRIC OR HYBRID MOTOR VEHICLE
WO 2016040339	QUALCOMM INC	SYSTEM AND METHOD FOR REDUCING LEAKAGE FLUX IN WIRELESS CHARGING SYSTEMS
WO 2016009526	NISSAN MOTOR	FITTING STATE DETERMINATION DEVICE AND FITTING STATE DETERMINATION METHOD
WO 2016026513	MAURUS TOBIAS	MODULAR INFRASTRUCTURE DEVICE, INFRASTRUCTURE SYSTEM AND METHOD FOR OPERATING AN INFRASTRUCTURE DEVICE
WO 2016024490	NTN TOYO BEARING CO LTD NODA HIROYUKI MIZUTANI MASATOSHI MORI NATSUHIKO	CHARGING DEVICE
WO 2016017963	LG INNOTEK CO LTD	ELECTRIC VEHICLE QUICK CHARGE CONTROL APPARATUS
WO 2016021136	PANASONIC IP MAN CO LTD	IN-VEHICLE ELECTRICITY STORAGE SYSTEM
WO 2016005438	JAGUAR LAND ROVER LTD	SELECTIVE AND CONTROLLABLE SHAPE-MEMORY CABLE
WO 2016007822	MENENDEZ MICHAEL MERCER SCOTT	SYSTEMS AND METHODS FOR PROVIDING TARGETED ADVERTISEMENTS TO A CHARGING STATION FOR ELECTRIC VEHICLES
WO 2016016995	NISSAN MOTOR	RELAY DIAGNOSIS DEVICE AND RELAY DIAGNOSIS METHOD
WO 2016019463	ELIX WIRELESS CHARGING SYSTEMS INC	MULTI-MODE CHARGING SYSTEM
WO 2016031075	NISSAN MOTOR	SECONDARY BATTERY CHARGING SYSTEM AND CHARGING METHOD
WO 2016011656	ZHONGSHAN BROAD OCEAN MOTOR CO	DRIVE AND CHARGING INTEGRATED CONTROL METHOD FOR ELECTRIC VEHICLE, AND ELECTRIC VEHICLE USING SAME
WO 2016013281	YAZAKI CORP	STATE-OF-CHARGE EQUALIZING DEVICE AND POWER SUPPLY SYSTEM

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CAMBIO DE BATERÍAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2016044747	SUNNY SANWAR AZAM KOONS CURTIS	DEVICES, SYSTEMS AND METHODS FOR COLLECTING, GENERATING, TRACKING AND/OR SHARING ENERGY

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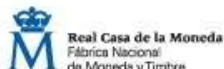
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Gracias a los ITPs** de la OEPM hemos podido decidir la mejor forma de protección de nuestros resultados de I+D y redactar adecuadamente nuestras solicitudes de patente.



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