



Boletín VT

COCHE ELÉCTRICO

2º trimestre 2024

58

Vigilancia Tecnológica

Noticias

[Real Decreto 556/2024](#), de 11 de junio, por el que se nombra Directora de la Oficina Española de Patentes y Marcas a doña Elisa Rodríguez Ortiz.

[Extracto de la Orden de 22 de mayo de 2024](#)

por la que se efectúa la convocatoria de concesión de ayudas a proyectos de producción de baterías del vehículo eléctrico dentro del Plan para la Recuperación, Transformación y Resiliencia en el año 2024

[BOLETINES OEPM](#)

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 2024132289 A1 | MERCEDES BENZ GROUP AG | METHOD FOR THE MODEL-BASED ESTIMATION OF THE IMPEDANCE OF A GALVANIC CELL OF A SECONDARY BATTERY, AND USE THEREOF, AND BATTERY CELL MONITORING DEVICE, AND VEHICLE |
| WO 2024132196 A1 | MERCEDES BENZ GROUP AG | THERMAL MANAGEMENT SYSTEM FOR BATTERY WITH AUTOMATIC HOT SPOT DETECTION TO DELIVER VARIABLE COOLING RATE |
| WO 2024120922 A1 | BAYERISCHE MOTOREN WERKE AG | ELECTRICAL ENERGY STORE FOR A MOTOR VEHICLE, IN PARTICULAR FOR AN AUTOMOBILE, AND MOTOR VEHICLE |
| WO 2024122781 A1 | LG ENERGY SOLUTION LTD | SWAPPABLE BATTERY AND OPERATION METHOD THEREFOR |
| WO 2024122827 A1 | SEOUL NAT UNIV R&DB FOUNDATION | SILICON ANODE FOR SOLID-STATE BATTERY AND SOLID-STATE BATTERY COMPRISING SAME |
| WO 2024122953 A1 | LG ENERGY SOLUTION LTD | BATTERY PACK PROVIDED WITH HEAT DISSIPATION PASSIVE COOLING STRUCTURE |
| WO 2024110637 A1 | AUTOMOTIVE CELLS COMPANY SE | ASSEMBLY COMPRISING A PLURALITY OF ELECTROCHEMICAL CELLS AND ELECTRICAL DEVICE COMPRISING SUCH AN ASSEMBLY |
| WO 2024123141 A1 | LG ENERGY SOLUTION LTD | NEGATIVE-ELECTRODE CURRENT COLLECTOR AND METHOD FOR MANUFACTURING SAME |
| WO 2024124572 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | POSITIVE ELECTRODE MATERIAL AND PREPARATION METHOD THEREFOR, POSITIVE ELECTRODE SHEET, SECONDARY BATTERY AND ELECTRIC DEVICE |
| WO 2024128774 A1 | LG ENERGY SOLUTION LTD | CARRIER |
| WO 2024128784 A1 | LG ENERGY SOLUTION LTD | METHOD FOR MANUFACTURING ELECTRODE FOR LITHIUM SECONDARY BATTERY, TRANSFER STACK, AND LITHIUM SECONDARY BATTERY COMPRISING ELECTRODE |
| WO 2024123161 A1 | LG ENERGY SOLUTION LTD | NEGATIVE ELECTRODE ACTIVE MATERIAL, METHOD FOR PREPARING NEGATIVE ELECTRODE ACTIVE MATERIAL, NEGATIVE ELECTRODE COMPOSITION, NEGATIVE ELECTRODE FOR LITHIUM SECONDARY BATTERY COMPRISING SAME, AND LITHIUM SECONDARY BATTERY COMPRISING NEGATIVE ELECTRODE |
| WO 2024128346 A1 | DUCK YANG IND CO LTD | ASSEMBLY STRUCTURE OF INTEGRATED CASE UNIT FOR BATTERY MODULE |
| WO 2024110147 A1 | LILIUM EAIRCRAFT GMBH | METHOD OF FABRICATING A PRE-LITHIATED ELECTRODE AND LITHIUM-ION BATTERY CELL |
| WO 2024128642 A1 | LG INNOTEK CO LTD | ANTENNA-IN-PACKAGE MODULE |
| WO 2024107283 A1 | APPLE INC | BATTERY SYSTEM |
| WO 2024123004 A1 | LG ENERGY SOLUTION LTD | BATTERY PACK |
| WO 2024124031 A2 | LI IND INC | SYSTEMS AND METHODS FOR REMOVAL, MODIFICATION, AND ADDITION OF COATINGS IN ELECTROACTIVE MATERIALS |
| WO 2024127668 A1 | TOSHIBA KK | NON-AQUEOUS ELECTROLYTE BATTERY AND BATTERY PACK |
| WO 2024128588 A1 | POSCO HOLDINGS INC | POSITIVE ELECTRODE ACTIVE MATERIAL FOR RECHARGEABLE LITHIUM BATTERY, METHOD OF PREPARING SAME, AND RECHARGEABLE LITHIUM BATTERY INCLUDING SAME |
| WO 2024128823 A1 | LG ENERGY SOLUTION LTD | LITHIUM SECONDARY BATTERY ANODE COMPRISING PATTERN, AND LITHIUM SECONDARY BATTERY COMPRISING ANODE |

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| WO 2024114952 A1 | DUKOSI LTD | IMPROVED COMMUNICATION DEVICE FOR BATTERY PACKS |
| WO 2024121520 A1 | BONTAZ CENTRE | DEVICE FOR MANAGING THE BREATHABILITY AND PRESSURE OF A BATTERY PACK WITH SAFETY DISCHARGE |
| WO 2024128439 A1 | SK ON CO LTD | CATHODE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERY, LITHIUM SECONDARY BATTERY COMPRISING SAME, AND METHOD OF PREPARING CATHODE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERY |
| WO 2024128604 A1 | LG ENERGY SOLUTION LTD | COMPLEX SULFIDE-BASED SOLID ELECTROLYTE AND METHOD FOR PRODUCING SAME |
| WO 2024105371 A1 | EQONIC GROUP LTD | ALUMINIUM-BASED RECHARGEABLE BATTERY |
| WO 2024127747 A1 | MURATA MANUFACTURING CO | POSITIVE ELECTRODE FOR SECONDARY BATTERY, AND SECONDARY BATTERY |
| WO 2024128463 A1 | LG ENERGY SOLUTION LTD | APPARATUS AND METHOD FOR TESTING BATTERY BY ESTIMATING DEGRADATION |
| WO 2024110725 A1 | ARKEMA FRANCE | ELECTROLYTE WITH HIGH LOCAL CONCENTRATION OF LIFSI |
| WO 2024110125 A1 | BAYERISCHE MOTOREN WERKE AG | METHOD FOR MANUFACTURING A CYLINDRICAL BATTERY CELL FOR A TRACTION BATTERY OF A MOTOR VEHICLE, AND CYLINDRICAL BATTERY CELL |
| WO 2024119235 A1 | PROTON SYSTEMS PTY LTD | CATHODE FOR PROTON BATTERIES AND METHOD OF MANUFACTURE |
| WO 2024126266 A1 | RENAULT SAS | ELECTRIC BATTERY INCORPORATING A DEVICE FOR THERMAL MANAGEMENT OF AN ELEMENT OF A POWERTRAIN |
| WO 2024128609 A1 | LG ENERGY SOLUTION LTD | NEGATIVE ELECTRODE FOR LITHIUM SECONDARY BATTERY AND LITHIUM SECONDARY BATTERY COMPRISING SAME |
| WO 2024128845 A1 | POSCO HOLDINGS INC | ANODE MATERIAL FOR LITHIUM ION CELL |
| WO 2024120921 A1 | BAYERISCHE MOTOREN WERKE AG | ENERGY STORAGE APPARATUS FOR A MOTOR VEHICLE |
| WO 2024121478 A1 | STELLANTIS AUTO SAS | MILD HYBRID VEHICLE COMPRISING A LOW-TEMPERATURE COOLING CIRCUIT |
| WO 2024122954 A1 | LG ENERGY SOLUTION LTD | BATTERY PACK HAVING COVER-INTEGRATED VENTING DUCT |
| WO 2024128087 A1 | NIPPON ELECTRIC GLASS CO | SOLID ELECTROLYTE FOR SECONDARY BATTERY, ELECTRODE FOR SECONDARY BATTERY, ALL-SOLID-STATE SECONDARY BATTERY, AND METHOD FOR MANUFACTURING ALL-SOLID-STATE SECONDARY BATTERY |
| WO 2024122837 A1 | AEKYUNG CHEMICAL CO LTD | NEGATIVE ELECTRODE ACTIVE MATERIAL FOR SECONDARY BATTERY, METHOD FOR MANUFACTURING SAME, AND SECONDARY BATTERY USING SAME |
| WO 2024125926 A1 | STELLANTIS AUTO SAS | PROTECTIVE DEVICE AND METHOD FOR PROTECTING A TRACTION BATTERY |
| WO 2024119192 A1 | SOLID POWER OPERATING INC | SOLID-STATE ELECTRODES HAVING BINDER CONCENTRATION GRADIENTS |
| WO 2024128627 A1 | LG ENERGY SOLUTION LTD | BATTERY MODULE AND BATTERY PACK INCLUDING SAME |
| WO 2024115614 A1 | ELRINGKLINGER AG | CELL SEPARATOR AND BATTERY MODULE |
| WO 2024116054 A1 | 3M INNOVATIVE PROPERTIES COMPANY | PLANAR WEB AND BATTERY MODULE INCLUDING SAME |
| WO 2024123012 A1 | LG ENERGY SOLUTION LTD | BATTERY PACK |
| WO 2024123538 A1 | GENTHERM GMBH | BATTERY MONITORING SYSTEM FOR BATTERY CELLS |
| WO 2024123857 A1 | AM BATTERIES INC | SYSTEM AND METHOD FOR BATTERY ELECTRODE FABRICATION |
| WO 2024126711 A1 | JAGUAR LAND ROVER LTD | BATTERY ASSEMBLY FOR VEHICLE |
| WO 2024129804 A2 | GLOBAL GRAPHENE GROUP INC | PROCESS FOR DEPOSITING AND PRELITHIATING AN ANODE ACTIVE MATERIAL IN POROUS CONDUCTIVE PARTICLES FOR LITHIUM BATTERIES |
| WO 2024115368 A1 | VALEO SYSTEMES THERMIQUES | THERMAL CONDITIONING SYSTEM |
| WO 2024119274 A1 | NAZAR LINDA FAYE | LITHIUM THIOPHOSPHATE HALIDE SOLID-STATE ELECTROLYTES |
| WO 2024123392 A1 | LIVENT LITHIUM LLC | LITHIUM-BASED SOLID ELECTROLYTE MATERIAL |
| WO 2024128714 A1 | SUNGEEL HITECH CO LTD | PRETREATMENT METHOD FOR LITHIUM SECONDARY BATTERY RECYCLING |

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| WO 2024128447 A1 | SAMSUNG ELECTRONICS CO LTD | METHOD AND ELECTRONIC DEVICE FOR ESTIMATING STATE OF HEALTH OF A BATTERY IN AN ELECTRONIC DEVICE |
| WO 2024105541 A1 | FIAT RICERCHE | BATTERY MODULE, RELATED BATTERY PACK, AND ASSEMBLING PROCESS FOR FORMING SUCH A BATTERY PACK |
| WO 2024107443 A1 | ASPEN AEROGELS INC | STRUCTURAL THERMAL BARRIER AND METHOD |
| WO 2024121477 A1 | STELLANTIS AUTO SAS | MILD HYBRID VEHICLE COMPRISING A LOW-TEMPERATURE COOLING CIRCUIT |
| WO 2024124452 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY CELL, BATTERY AND ELECTRICAL APPARATUS |
| WO 2024126016 A1 | AMPERE S A S | SYSTEM FOR STORING POWER BY CONNECTING BATTERIES IN PARALLEL |
| WO 2024128348 A1 | DUCK YANG IND CO LTD | BATTERY MODULE HAVING OVERHEATING PREVENTION STRUCTURE FOR BATTERY CELL ELECTRODES |
| WO 2024115302 A1 | VALEO SYSTEMES THERMIQUES | FLUID DISTRIBUTION TANK FOR A TUBULAR ELEMENT |
| WO 2024115551 A1 | JAGUAR LAND ROVER LTD | ELECTRIC VEHICLE THERMAL MANAGEMENT |
| WO 2024121736 A1 | VERKOR | CELL FOR ELECTRIC BATTERY AND METHOD FOR MANUFACTURING SAME |
| WO 2024071017 A1 | GS YUASA INT LTD | LEAD ACID STORAGE BATTERY |
| WO 2024074566 A1 | AUTOTECH ENG SL | BATTERY UNIT FOR A VEHICLE |
| WO 2024075039 A1 | HYBA LTD | BATTERY MODULE OF THE TYPE THAT CAN BE DISASSEMBLED AND BATTERY PACK OBTAINED ASSEMBLING AT LEAST TWO SUCH BATTERY MODULES |
| WO 2024084127 A1 | AVANT TECNO OY | BATTERY MODULE AND BATTERY PACK |
| WO 2024094940 A1 | STELLANTIS AUTO SAS | ENERGY MANAGEMENT SYSTEM FOR A BATTERY PACK |
| WO 2024114079 A1 | WANG YONGCHAO | LITHIUM ION BATTERY FAST CHARGING NEGATIVE ELECTRODE MATERIAL AND PREPARATION AND USE THEREOF |
| WO 2024122305 A1 | PANASONIC IP MAN CO LTD | BATTERY ANALYSIS SYSTEM, BATTERY ANALYSIS METHOD, BATTERY ANALYSIS PROGRAM, AND STORAGE MEDIUM CONTAINING BATTERY ANALYSIS PROGRAM |
| WO 2024068257 A1 | VITESCO TECH GMBH | BATTERY UNIT, METHOD AND APPARATUS FOR OPERATING THE BATTERY UNIT |
| WO 2024072060 A1 | LG ENERGY SOLUTION LTD | NEGATIVE ELECTRODE AND SECONDARY BATTERY |
| WO 2024107321 A1 | ASPEN AEROGELS INC | THERMAL ISOLATION AND CONDUCTION STRUCTURE AND METHOD |
| WO 2024123177 A1 | UNIV DELFT TECH | HIGH ENTROPY LIQUID ELECTROLYTES FOR LI-ION OR NA-ION BATTERIES |
| WO 2024088735 A1 | WACKER CHEMIE AG | SILICONE-BASED THERMAL INSULATION MATERIALS FOR BATTERY MODULES |
| WO 2024091625 A1 | TEXPOWER INC | LOW-COBALT OR COBALT-FREE CATHODE MATERIALS WITH BIMODAL PARTICLE SIZE DISTRIBUTION FOR LITHIUM BATTERIES |
| WO 2024117429 A1 | LG ENERGY SOLUTION LTD | BATTERY MODULE |
| WO 2024117863 A1 | LG ENERGY SOLUTION LTD | POSITIVE ELECTRODE ACTIVE MATERIAL, POSITIVE ELECTRODE SLURRY COMPRISING SAME, POSITIVE ELECTRODE, AND LITHIUM SECONDARY BATTERY |
| WO 2024089219 A1 | DUESENFELD GMBH | METHOD FOR RECYCLING ALKALI METAL BATTERIES AND BATTERY PROCESSING SYSTEM |
| WO 2024118410 A1 | ZIMENO INC | BATTERY THERMAL RUNAWAY MANAGMENT |
| WO 2024103210 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | SECONDARY BATTERY AND ELECTRIC DEVICE COMPRISING SAME |
| WO 2024070156 A1 | PANASONIC ENERGY CO LTD | POSITIVE ELECTRODE FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY |
| WO 2024074772 A1 | STELLANTIS AUTO SAS | COVER DEVICE FOR A BATTERY BOX OF AN ELECTRIC OR HYBRID VEHICLE, COMPRISING INTERMEDIATE SPACERS |
| WO 2024080804 A1 | LG ENERGY SOLUTION LTD | POLYMER SOLID ELECTROLYTE, AND METHOD FOR PRODUCING SAME |
| WO 2024109892 A1 | BYD CO LTD | ENERGY PROCESSING APPARATUS AND VEHICLE |
| WO 2024116635 A1 | PANASONIC IP MAN CO LTD | BATTERY PACK |

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| WO 2024117146 A1 | GS YUASA INT LTD | SOLID ELECTROLYTE, SOLID ELECTROLYTE FOR POSITIVE ELECTRODE, COMPOSITE, POSITIVE ELECTRODE FOR POWER STORAGE ELEMENT, AND POWER STORAGE ELEMENT |
| WO 2024117795 A1 | LG ENERGY SOLUTION LTD | BATTERY PACK AND METHOD FOR MANUFACTURING SAME |
| WO 2024079101 A1 | VALEO SYSTEMES THERMIQUES | DEVICE FOR CONTROLLING THE TEMPERATURE OF A PLURALITY OF ELECTRICAL AND/OR ELECTRONIC ELEMENTS |
| WO 2024113292 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY CELL, BATTERY, AND ELECTRICAL APPARATUS |
| WO 2024122212 A1 | PANASONIC IP MAN CO LTD | BATTERY PACK |
| WO 2024083785 A1 | PLASTIC OMNIUM CLEAN ENERGY SYSTEMS RES | BATTERY PACK CELL POSITIONING |
| WO 2024089218 A1 | KEYE AEROGEL | INSULATING SEPARATOR FOR AN ELECTRIC BATTERY |
| WO 2024117841 A1 | LG ENERGY SOLUTION LTD | BATTERY PACK |
| WO 2024122329 A1 | PANASONIC IP MAN CO LTD | DETERIORATION SUPPRESSION SYSTEM, DETERIORATION SUPPRESSION METHOD, DETERIORATION SUPPRESSION PROGRAM, AND STORAGE MEDIUM HAVING DETERIORATION SUPPRESSION PROGRAM WRITTEN THEREIN |
| WO 2024068421 A1 | VALEO SYSTEMES THERMIQUES | DEVICE FOR SPACING BATTERY CELLS OF A VEHICLE BATTERY PACK |
| WO 2024068420 A1 | VALEO SYSTEMES THERMIQUES | SPACER FOR BATTERY CELLS, CONFIGURED TO FORM PART OF THE CIRCULATION CIRCUIT AND SEALED WITH RESPECT TO THE HEAT TRANSFER FLUID |
| WO 2024070051 A1 | FDK CORP | SOLID-STATE BATTERY AND METHOD FOR PRODUCING SAME |
| WO 2024079307 A1 | UMICORE NV | POSITIVE ELECTRODE ACTIVE MATERIAL AND METHOD FOR MANUFACTURING A POSITIVE ELECTRODE ACTIVE MATERIAL |
| WO 2024106166 A1 | NIPPON CATALYTIC CHEM IND | NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY |
| WO 2024113246 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | LOADING MECHANISM, IMPURITY REMOVING APPARATUS AND BATTERY PROCESSING DEVICE |
| WO 2024119288 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | SEPARATOR AND PREPARATION METHOD THEREFOR, SECONDARY BATTERY, AND ELECTRIC DEVICE |
| WO 2024099818 A1 | MAN TRUCK & BUS SE | COVER FOR A CELL CONTACT SYSTEM OF AN ELECTRICAL ENERGY STORAGE UNIT |
| WO 2024106137 A1 | PANASONIC ENERGY CO LTD | BATTERY PACK, TEMPERATURE MEASUREMENT CIRCUIT, AND METHOD FOR DIAGNOSING FAILURE IN BATTERY PACK |
| WO 2024114277 A1 | BYD CO LTD | BATTERY DYNAMIC EQUALIZATION APPARATUS, CONTROL METHOD THEREOF AND VEHICLE |
| WO 2024116931 A1 | NIPPON CATALYTIC CHEM IND | NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY |
| WO 2024121517 A1 | CENTRE NAT RECH SCIENT | SOLID POLYMER ELECTROLYTE COMPRISING AT LEAST ONE POLYMER COMPRISING AT LEAST ONE UNIT OBTAINED FROM A STYRENIC MONOMER AND A SPECIFIC POLYMER |
| WO 2024069178 A1 | QDOT TECH LTD | BATTERY TEMPERATURE MANAGEMENT |
| WO 2024071950 A1 | LG ENERGY SOLUTION LTD | POSITIVE ELECTRODE COMPOSITION, POSITIVE ELECTRODE, AND SECONDARY BATTERY |
| WO 2024078850 A1 | VOLKSWAGEN AG | METHOD AND DEVICE FOR ESTIMATING A SELF-DISCHARGE RATE OF A BATTERY CELL IN BATTERY CELL PRODUCTION |
| WO 2024080810 A1 | LG ENERGY SOLUTION LTD | COMPOSITE SOLID ELECTROLYTE AND PREPARATION METHOD THEREFOR |
| WO 2024089141 A1 | ELRINGKLINGER AG | BATTERY MANAGEMENT SYSTEM IN A BATTERY SYSTEM |
| WO 2024072370 A1 | TI GROUP AUTOMOTIVE SYSTEMS LLC | DOUBLE-WALL BATTERY ENCLOSURE TO PROVIDE HEAT TRANSFER |
| WO 2024079244 A1 | WEBASTO SE | DEVICE FOR MEASURING A TEMPERATURE IN A BATTERY, BATTERY MODULE, BATTERY AND MOTOR VEHICLE |
| WO 2024103715 A1 | JIANGSU CONTEMPORARY AMPEREX TECH LTD | DEVIATION CORRECTION DEVICE AND PROCESSING APPARATUS FOR CYLINDRICAL BATTERY |

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| WO 2024106706 A1 | LG ENERGY SOLUTION LTD | BATTERY DEGRADATION INSPECTION DEVICE AND METHOD FOR OPERATING SAME |
| WO 2024116984 A1 | PANASONIC ENERGY CO LTD | BATTERY PACK |
| WO 2024117793 A1 | LG ENERGY SOLUTION LTD | BATTERY PACK AND MANUFACTURING METHOD THEREFOR |
| WO 2024103224 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | ELECTRODE SHEET, ELECTRODE ASSEMBLY, BATTERY CELL, BATTERY AND ELECTRICAL DEVICE |
| WO 2024114823 A1 | AULTON NEW ENERGY AUTOMOBILE TECH CO LTD | QUICK-SWAP DEVICE, BATTERY PACK, ELECTRIC VEHICLE AND CONTROL METHOD THEREFOR |
| WO 2024117586 A1 | LG ENERGY SOLUTION LTD | BATTERY MODULE, AND BATTERY PACK AND VEHICLE COMPRISING SAME |
| WO 2024067982 A1 | WEBASTO SE | VEHICLE BATTERY FOR AN ELECTRIC VEHICLE |
| WO 2024070660 A1 | TDK CORP | SOLID ELECTROLYTE, SOLID ELECTROLYTE LAYER, AND SOLID ELECTROLYTE BATTERY |
| WO 2024074340 A1 | VITESCO TECHNOLOGIES GERMANY GMBH | ENERGY STORAGE SYSTEM, METHOD FOR OPERATING AN ENERGY STORAGE SYSTEM, AND USE OF AN ENERGY STORAGE SYSTEM |
| WO 2024089240 A1 | VALEO SYSTEMES THERMIQUES | TANK AND TUBE ASSEMBLY FOR A HEAT EXCHANGER |
| WO 2024100209 A1 | CENTRE NAT RECH SCIENT | NOVEL ALL-SOLID-STATE ELECTROLYTES BASED ON ORGANOBORON COVALENT ORGANIC NETWORKS |
| WO 2024105943 A1 | OHARA KK | LITHIUM-ION CONDUCTIVE GLASS CERAMIC PRECURSOR |
| WO 2024106476 A1 | TOAGOSEI CO LTD | PHOTOCURABLE COMPOSITION FOR LITHIUM ION SECONDARY BATTERY SEALING MATERIALS |
| WO 2024111994 A1 | NEDEC CO LTD | CASTING PRODUCT FOR COOLING HEATING ELEMENT AND METHOD FOR MANUFACTURING SAME |
| WO 2024068419 A1 | VALEO SYSTEMES THERMIQUES | THERMAL REGULATION DEVICE FOR A VEHICLE BATTERY PACK |
| WO 2024118886 A1 | SAINT GOBAIN PERFORMANCE PLASTICS CORP | FILLER COMPOSITION, COMPOSITE MATERIAL AND COMPOSITE MATERIAL LAYER WITH THERMAL BARRIER PROPERTIES |
| WO 2024072013 A1 | LG ENERGY SOLUTION LTD | NEGATIVE ELECTRODE AND SECONDARY BATTERY |
| WO 2024074533 A1 | ETERNITY TECH LIMITED | BATTERY |
| WO 2024083565 A1 | VALEO SYSTEMES THERMIQUES | COOLING MODULE FOR AN ELECTRIC OR HYBRID MOTOR VEHICLE |
| WO 2024083875 A1 | NEWFREY LLC | HOUSING SYSTEM AND BATTERY CELL COMPRISING THE SAME |
| WO 2024094995 A1 | NEXEON LTD | ELECTROACTIVE COMPOSITE PARTICLES |
| WO 2024094952 A1 | PELLENC ENERGY | METHOD FOR MANUFACTURING AN ELECTROCHEMICAL CELL OF A POLYMER MATRIX BATTERY |
| WO 2024107322 A1 | ASPEN AEROGELS INC | COATED BATTERY THERMAL ISOLATION STRUCTURE AND METHOD |
| WO 2024107446 A2 | ASPEN AEROGELS INC | BATTERY WITH MULTIPLE THERMAL ZONES AND METHOD |
| WO 2024112019 A1 | SK NEXILIS CO LTD | COPPER FOIL CAPABLE OF PREVENTING TEAR OR WRINKLE DEFECTS, ELECTRODE COMPRISING SAME, SECONDARY BATTERY COMPRISING SAME, AND MANUFACTURING METHOD THEREFOR |
| WO 2024120769 A1 | BOSCH GMBH ROBERT | BATTERY MONITORING SYSTEM AND METHOD FOR MONITORING THE STATE OF A BATTERY |
| WO 2024122997 A1 | LG ENERGY SOLUTION LTD | ELECTRODE FOR LITHIUM SECONDARY BATTERY AND LITHIUM SECONDARY BATTERY COMPRISING SAME |
| WO 2024070232 A1 | FDK CORP | NEGATIVE ELECTRODE FOR ALKALINE SECONDARY BATTERIES, ALKALINE SECONDARY BATTERY, AND METHOD FOR PRODUCING NEGATIVE ELECTRODE FOR ALKALINE SECONDARY BATTERIES |
| WO 2024070885 A1 | TOAGOSEI CO LTD | GEL-LIKE ELECTROLYTE, CURABLE COMPOSITION AND POWER-STORAGE DEVICE |
| WO 2024079440 A1 | BAE SYSTEMS PLC | A BARRIER FOR SEPARATING CELLS OF A BATTERY |
| WO 2024106571 A1 | LG ELECTRONICS INC | ALL-SOLID-STATE BATTERY |
| WO 2024106280 A1 | DENSO CORP | BATTERY PACK |
| WO 2024117875 A1 | LG ENERGY SOLUTION LTD | CATHODE ACTIVE MATERIAL, METHOD FOR PREPARING SAME, CATHODE COMPRISING SAME, AND LITHIUM SECONDARY BATTERY |
| WO 2024065254 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | ELECTROLYTE, SODIUM ION BATTERY, BATTERY MODULE, BATTERY PACK, AND ELECTRICAL APPARATUS |

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| WO 2024065520 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | END COVER ASSEMBLY OF BATTERY CELL, BATTERY CELL, BATTERY, AND ELECTRICAL APPARATUS |
| WO 2024067659 A1 | JIANGSU YEENENG NEW ENERGY TECH CO LTD | CATHODE MATERIAL FOR SOLID-STATE ELECTROLYTE MOLTEN LITHIUM BATTERY |
| WO 2024070724 A1 | MAXELL LTD | FLEXIBLE BATTERY |
| WO 2024071058 A1 | GS YUASA INT LTD | LEAD STORAGE BATTERY |
| WO 2024072047 A1 | LG ENERGY SOLUTION LTD | ELECTRODE ASSEMBLY AND SECONDARY BATTERY INCLUDING SAME |
| WO 2024077514 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | ELECTROLYTE, BATTERY CELL, BATTERY, AND ELECTRIC DEVICE |
| WO 2024082285 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | HEAT EXCHANGE ASSEMBLY, BATTERY MODULE, BATTERY AND ELECTRICAL DEVICE |
| WO 2024090574 A1 | KYOCERA CORP | NONAQUEOUS ELECTROLYTE AND CLAY-TYPE LITHIUM ION SECONDARY BATTERY USING SAME |
| WO 2024090966 A1 | LG ENERGY SOLUTION LTD | ELECTRODE ASSEMBLY FOR SECONDARY BATTERY AND CYLINDRICAL SECONDARY BATTERY INCLUDING SAME |
| WO 2024095604 A1 | MURATA MANUFACTURING CO | HEAT-ABSORBING MEMBER AND BATTERY PACK |
| WO 2024098203 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | ELECTROLYTE INJECTION DEVICE |
| WO 2024101380 A1 | DENSO CORP | BATTERY MONITORING PROGRAM, RECORDING MEDIUM, AND BATTERY MONITORING SYSTEM |
| WO 2024101197 A1 | GS YUASA INT LTD | POWER STORAGE DEVICE |
| WO 2024108575 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | CARBON MATERIAL AND PREPARATION METHOD THEREFOR, RECHARGEABLE BATTERY CONTAINING CARBON MATERIAL, AND ELECTRIC APPARATUS |
| WO 2024117048 A1 | ORGANO CORP | METHOD FOR PRODUCING ION CONDUCTOR |
| WO 2024117673 A1 | SAMSUNG SDI CO LTD | ALL SOLID-STATE BATTERY |
| WO 2024065785 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY AND ELECTRIC DEVICE |
| WO 2024069361 A1 | BOMBARDIER RECREATIONAL PRODUCTS INC | BATTERY PACK FOR AN ELECTRIC VEHICLE |
| WO 2024070065 A1 | MURATA MANUFACTURING CO | POSITIVE ELECTRODE FOR SECONDARY BATTERIES, AND SECONDARY BATTERY |
| WO 2024072046 A1 | LG ENERGY SOLUTION LTD | BATTERY CELL AND BATTERY MODULE COMPRISING SAME |
| WO 2024077513 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY CELL, BATTERY AND ELECTRIC DEVICE |
| WO 2024077544 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | ELECTROLYTE SOLUTION, BATTERY CELL COMPRISING SAME, BATTERY AND ELECTRIC DEVICE |
| WO 2024080640 A1 | LG ENERGY SOLUTION LTD | LITHIUM SECONDARY BATTERY AND MANUFACTURING METHOD THEREFOR |
| WO 2024087015 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY CELL, BATTERY, AND ELECTRIC APPARATUS |
| WO 2024092726 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | ELECTRODE ASSEMBLY, BATTERY CELL, BATTERY AND ELECTRICAL DEVICE |
| WO 2024101355 A1 | MAXELL LTD | ALL-SOLID-STATE BATTERY |
| WO 2024101841 A1 | LG ENERGY SOLUTION LTD | POSITIVE ELECTRODE AND LITHIUM SECONDARY BATTERY MANUFACTURED USING SAME |
| WO 2024112047 A1 | LG ENERGY SOLUTION LTD | BATTERY MODULE TO WHICH FLAME RETARDANT COVER IS ATTACHED |
| WO 2024112155 A1 | LG ENERGY SOLUTION LTD | POSITIVE ELECTRODE ACTIVE MATERIAL COMPRISING SULFUR-CARBON COMPLEX AND LITHIUM-SULFUR SECONDARY BATTERY HAVING HIGH POWER PROPERTY |
| WO 2024117239 A1 | IBIDEN CO LTD | HEAT TRANSFER SUPPRESSION SHEET AND BATTERY PACK |
| WO 2024117826 A1 | LG ENERGY SOLUTION LTD | NON-AQUEOUS ELECTROLYTE AND LITHIUM SECONDARY BATTERY COMPRISING SAME |

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| WO 2024065192 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | SOLID-STATE ELECTROLYTE AND PREPARATION METHOD THEREFOR, POSITIVE ELECTRODE SHEET AND PREPARATION METHOD THEREFOR, BATTERY, AND ELECTRICAL DEVICE |
| WO 2024065158 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | ELECTROLYTIC SOLUTION, AND LITHIUM METAL SECONDARY BATTERY, BATTERY PACK, BATTERY MODULE AND ELECTRIC DEVICE COMPRISING SAME |
| WO 2024072061 A1 | LG ENERGY SOLUTION LTD | POSITIVE ELECTRODE MATERIAL, POSITIVE ELECTRODE, AND SECONDARY BATTERY |
| WO 2024077626 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY AND ELECTRIC DEVICE |
| WO 2024084857 A1 | MURATA MANUFACTURING CO | SECONDARY BATTERY ELECTROLYTE AND SECONDARY BATTERY |
| WO 2024087016 A1 | YANGZHOU NANOPORE INNOVATIVE MATERIALS TECH LTD | BATTERY COOLING PLATE AND BATTERY MODULE |
| WO 2024088417 A1 | YANGZHOU NANOPORE INNOVATIVE MATERIALS TECH LTD | LOW-THERMAL-SHRINKAGE COMPOSITE CURRENT COLLECTOR, AND PREPARATION METHOD THEREFOR AND USE THEREOF |
| WO 2024091070 A1 | LG ENERGY SOLUTION LTD | LITHIUM SECONDARY BATTERY |
| WO 2024092683 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | POSITIVE ELECTRODE SHEET, SECONDARY BATTERY, AND ELECTRIC DEVICE |
| WO 2024096701 A1 | LG ENERGY SOLUTION LTD | LITHIUM SECONDARY BATTERY |
| WO 2024066624 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | NEGATIVE ELECTRODE SHEET AND PREPARATION METHOD THEREFOR, AND ELECTRODE ASSEMBLY, BATTERY CELL, BATTERY AND ELECTRIC APPARATUS |
| WO 2024070286 A1 | MURATA MANUFACTURING CO | SOLID-STATE BATTERY |
| WO 2024074427 A1 | POLESTAR PERFORMANCE AB | BI-MATERIAL COOLING VALVES |
| WO 2024077475 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | ELECTRODE SHEET AND PREPARATION METHOD THEREFOR, AND SECONDARY BATTERY AND ELECTRIC APPARATUS |
| WO 2024080613 A1 | LG ENERGY SOLUTION LTD | COMPOSITE ELECTROLYTE, METHOD FOR PREPARING SAME, AND LITHIUM SECONDARY BATTERY COMPRISING SAME |
| WO 2024082270 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY CELL, BATTERY AND ELECTRICAL DEVICE |
| WO 2024096273 A1 | EVS TECH INC | METHOD FOR PRODUCING LITHIUM DIFLUOROPHOSPHATE IN ECONOMICAL MANNER |
| WO 2024096667 A1 | LG ENERGY SOLUTION LTD | ALL-SOLID-STATE LITHIUM ION SECONDARY BATTERY |
| WO 2024098255 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | HEAT-RESISTANT PROTECTIVE COMPONENT AND BATTERY |
| WO 2024107025 A1 | RES INST IND SCIENCE & TECH | SOLID ELECTROLYTE AND LITHIUM SECONDARY BATTERY COMPRISING SAME |
| WO 2024111423 A1 | PANASONIC IP MAN CO LTD | SECONDARY BATTERY |
| WO 2024111841 A1 | RES INST IND SCIENCE & TECH | SOLID ELECTROLYTE SHEET, MANUFACTURING METHOD FOR SAME, AND LITHIUM SECONDARY BATTERY COMPRISING SAME |
| WO 2024082123 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | ELECTROLYTE SOLUTION, SECONDARY BATTERY, BATTERY MODULE, BATTERY PACK, AND ELECTRIC DEVICE |
| WO 2024085583 A1 | LG ENERGY SOLUTION LTD | SECONDARY BATTERY |
| WO 2024092787 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | GAS TIGHTNESS TESTING METHOD, APPARATUS AND SYSTEM FOR BATTERY PACK, AND BATTERY PACK |
| WO 2024095867 A1 | NITTO DENKO CORP | THERMAL INSULATION MEMBER |
| WO 2024098008 A1 | PROTERRA POWERED LLC | COMPOSITE BATTERY PACK WALL |
| WO 2024109904 A1 | BYD CO LTD | NEGATIVE ELECTRODE SHEET, LITHIUM BATTERY, AND ELECTRIC DEVICE |

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| WO 2024112059 A1 | LG ENERGY SOLUTION LTD | METHOD FOR RECYCLING POSITIVE ELECTRODE ACTIVE MATERIAL AND POSITIVE ELECTRODE ACTIVE MATERIAL RECYCLED THEREFROM |
| WO 2024065157 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | POSITIVE ELECTRODE ACTIVE MATERIAL AND PREPARATION METHOD THEREFOR, POSITIVE ELECTRODE PLATE, SECONDARY BATTERY, BATTERY MODULE, BATTERY PACK, AND ELECTRIC DEVICE |
| WO 2024065739 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY AND ELECTRIC APPARATUS |
| WO 2024077584 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY MODULE AND PREPARATION METHOD THEREFOR, AND BATTERY PACK AND ELECTRIC APPARATUS |
| WO 2024077507 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BONDING COMPOSITION, ELECTRODE SLURRY, ELECTRODE SHEET, SECONDARY BATTERY AND ELECTRIC DEVICE |
| WO 2024080829 A1 | LG ENERGY SOLUTION LTD | NEGATIVE ELECTRODE AND SECONDARY BATTERY |
| WO 2024083012 A1 | ZHANGJIAGANG GUOTAI HUARONG NEW CHEMICAL MATERIALS CO LTD | LITHIUM ION ELECTROLYTIC SOLUTION, GEL POLYMER ELECTROLYTE, AND LITHIUM ION BATTERY |
| WO 2024090439 A1 | ASAHI CHEMICAL IND | NONAQUEOUS ELECTROLYTE SOLUTION AND NONAQUEOUS SECONDARY BATTERY |
| WO 2024095916 A1 | NIPPON ELECTRIC GLASS CO | SOLID ELECTROLYTE SHEET AND PRODUCTION METHOD FOR SAME |
| WO 2024096043 A1 | KYOCERA CORP | ELECTROLYTIC SOLUTION FOR LITHIUM ION SECONDARY BATTERIES, AND LITHIUM ION SECONDARY BATTERY |
| WO 2024108365 A1 | SHENZHEN INST OF ADV TECH CAS | SECONDARY BATTERY WITH DUAL-ION AND ROCKING CHAIR MECHANISMS, PREPARATION METHOD THEREFOR AND USE THEREOF |
| WO 2024108503 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | ARTIFICIAL GRAPHITE, AND PREPARATION METHOD THEREFOR AND USE THEREOF |
| WO 2024117617 A1 | LOTTE CHEMICAL CORP | POLYMER SOLID ELECTROLYTE COMPOSITION AND USE THEREOF |
| WO 2024117623 A1 | LOTTE CHEMICAL CORP | POLYMER SOLID ELECTROLYTE COMPOSITION FOR LITHIUM SECONDARY BATTERY, AND USE THEREOF |
| WO 2024117674 A1 | SAMSUNG SDI CO LTD | NEGATIVE ELECTRODE FOR ALL-SOLID-STATE BATTERY AND ALL-SOLID-STATE BATTERY COMPRISING SAME |
| WO 2024117811 A1 | LG ENERGY SOLUTION LTD | BATTERY CELL STACKING JIG FOR SECONDARY BATTERY |
| WO 2024117873 A1 | LG ENERGY SOLUTION LTD | CATHODE AND LITHIUM SECONDARY BATTERY MANUFACTURED USING SAME |
| WO 2024065717 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY AND ELECTRIC APPARATUS |
| WO 2024067089 A1 | BYD CO LTD | THERMAL MANAGEMENT SYSTEM FOR VEHICLE, AND VEHICLE |
| WO 2024076664 A1 | FASTCAP SYSTEMS CORP | ELECTRODES FOR ENERGY STORAGE DEVICES |
| WO 2024080846 A1 | LG ENERGY SOLUTION LTD | ELECTRODE ASSEMBLY AND SECONDARY BATTERY INCLUDING SAME |
| WO 2024080759 A1 | LG ENERGY SOLUTION LTD | NEGATIVE ELECTRODE AND SECONDARY BATTERY |
| WO 2024082171 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY, ELECTRICAL DEVICE, AND FLUID DRAINAGE METHOD FOR BATTERY |
| WO 2024086978 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | POSITIVE ELECTRODE ACTIVE MATERIAL AND PREPARATION METHOD THEREFOR, POSITIVE ELECTRODE SHEET, SECONDARY BATTERY AND ELECTRIC DEVICE |
| WO 2024090036 A1 | PANASONIC AUTOMOTIVE SYSTEMS CO LTD | VEHICLE AND HEAT MANAGEMENT SYSTEM |
| WO 2024112100 A1 | LG ENERGY SOLUTION LTD | ELECTRODE ASSEMBLY AND SECONDARY BATTERY COMPRISING SAME |
| WO 2024065801 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | CHARGING APPARATUS AND CONTROL METHOD THEREFOR, AND ELECTRICAL DEVICE AND POWER SUPPLY SYSTEM THEREOF |

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| WO 2024070854 A1 | PANASONIC IP MAN CO LTD | LITHIUM SECONDARY BATTERY, SPACER FOR LITHIUM SECONDARY BATTERY, SPACER MATERIAL, AND INTEGRATED PRODUCT OF SEPARATOR AND SPACER FOR LITHIUM SECONDARY BATTERY |
| WO 2024071056 A1 | FUJIFILM CORP | INORGANIC SOLID ELECTROLYTE-CONTAINING COMPOSITION, SHEET FOR ALL-SOLID-STATE SECONDARY BATTERIES, ALL-SOLID-STATE SECONDARY BATTERY, METHOD FOR PRODUCING SHEET FOR ALL-SOLID-STATE SECONDARY BATTERIES, AND METHOD FOR PRODUCING ALL-SOLID-STATE SECONDARY BATTERY |
| WO 2024079867 A1 | MITSUBISHI ELECTRIC CORP | MODEL PARAMETER ESTIMATION DEVICE AND MODEL PARAMETER ESTIMATION METHOD |
| WO 2024080837 A1 | LG ENERGY SOLUTION LTD | SECONDARY BATTERY |
| WO 2024090282 A1 | MURATA MANUFACTURING CO | SECONDARY BATTERY AND BATTERY PACK |
| WO 2024095973 A1 | FUJIFILM CORP | SLURRY FOR NONAQUEOUS ELECTROLYTE SECONDARY BATTERIES, NONAQUEOUS ELECTROLYTE SECONDARY BATTERY, AND METHOD FOR PRODUCING NONAQUEOUS ELECTROLYTE SECONDARY BATTERY |
| WO 2024096127 A1 | UNIV OSAKA PUBLIC CORP | METHOD FOR PRODUCING SOLID ELECTROLYTE MATERIAL HAVING α -Li ₃ PS ₄ PHASE, AND SOLID ELECTROLYTE MATERIAL |
| WO 2024096596 A1 | LG ENERGY SOLUTION LTD | ELECTRODE SHEET HEATING DEVICE, ELECTRODE SHEET HEATING METHOD, AND JELLY ROLL-TYPE ELECTRODE ASSEMBLY |
| WO 2024096594 A1 | LG ENERGY SOLUTION LTD | ALL-SOLID-STATE LITHIUM-ION SECONDARY BATTERY |
| WO 2024101239 A1 | FURUKAWA CO LTD | METHOD FOR PRODUCING SULFIDE-BASED INORGANIC SOLID ELECTROLYTE MATERIAL, METHOD FOR PRODUCING PHOSPHORUS SULFIDE COMPOSITION, METHOD FOR EVALUATING PHOSPHORUS SULFIDE COMPOSITION, AND PHOSPHORUS SULFIDE COMPOSITION |
| WO 2024111395 A1 | ENERGYWITH CO LTD | BATTERY MANAGEMENT SYSTEM, BATTERY MANAGEMENT METHOD, AND BATTERY MANAGEMENT PROGRAM |
| WO 2024065517 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY CELL, BATTERY, AND ELECTRICAL DEVICE |
| WO 2024080668 A1 | LG ENERGY SOLUTION LTD | LITHIUM SECONDARY BATTERY |
| WO 2024087114 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY CELL, BATTERY, AND ELECTRICAL APPARATUS |
| WO 2024098394 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | THERMAL MANAGEMENT COMPONENT, BATTERY MODULE, BATTERY, AND ELECTRICAL APPARATUS |
| WO 2024101938 A1 | LG ENERGY SOLUTION LTD | ALL-SOLID-STATE BATTERY AND METHOD FOR MANUFACTURING SAME |
| WO 2024106680 A1 | SK ON CO LTD | ANODE FOR LITHIUM SECONDARY BATTERIES AND LITHIUM SECONDARY BATTERY COMPRISING SAME |
| WO 2024112048 A1 | LG ENERGY SOLUTION LTD | HIGH VOLTAGE POUCH BATTERY CELL |
| WO 2024117681 A1 | LG ENERGY SOLUTION LTD | BATTERY PACK |
| WO 2024065181 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | NEGATIVE ELECTRODE COMPOSITION AND PREPARATION METHOD THEREFOR, NEGATIVE ELECTRODE SLURRY AND PREPARATION METHOD THEREFOR, NEGATIVE ELECTRODE SHEET AND PREPARATION METHOD THEREFOR, SECONDARY BATTERY, ELECTRIC DEVICE, AND USE OF THIANTHRENE COMPOUND |
| WO 2024076164 A1 | CNP SOLUTIONS CO LTD | ELECTRODE MATERIAL LAYER COMPOSITION COMPRISING NOVEL BINDER FOR DRY PROCESS AND LITHIUM ION BATTERY COMPRISING SAME |
| WO 2024080807 A1 | LG ENERGY SOLUTION LTD | METHOD FOR PREPARING COMPOSITE SOLID ELECTROLYTE AND COMPOSITE SOLID ELECTROLYTE PREPARED THEREBY |
| WO 2024080809 A1 | LG ENERGY SOLUTION LTD | SOLID POLYMER ELECTROLYTE AND ALL-SOLID-STATE BATTERY COMPRISING SAME |

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| WO 2024082264 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | SECONDARY BATTERY, MANUFACTURING METHOD THEREFOR, AND ELECTRICAL APPARATUS |
| WO 2024085574 A1 | LG ENERGY SOLUTION LTD | SEPARATOR FOR ELECTROCHEMICAL DEVICE, AND ELECTROCHEMICAL DEVICE HAVING SAME |
| WO 2024090533 A1 | SUMITOMO METAL MINING CO | COATING-EQUIPPED POSITIVE ELECTRODE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERY, SOLUTION FOR FORMING COATING LAYER, AND LITHIUM SECONDARY BATTERY |
| WO 2024090974 A1 | SK ON CO LTD | METHOD FOR PREPARATION OF SECONDARY BATTERY ELECTRODE SLURRY |
| WO 2024100980 A1 | AISAN IND | BATTERY WARMING-UP SYSTEM |
| WO 2024117610 A1 | LOTTE CHEMICAL CORP | LITHIUM SECONDARY BATTERY |
| WO 2024065703 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | EXPANDABLE MICROSPHERE AND PREPARATION THEREOF, ELECTRODE SHEET COMPRISING EXPANDABLE MICROSPHERE, AND SECONDARY BATTERY |
| WO 2024080806 A1 | LG ENERGY SOLUTION LTD | POLYMER SOLID ELECTROLYTE AND PREPARATION METHOD FOR HYBRID SOLID ELECTROLYTE |
| WO 2024081477 A1 | CATERPILLAR INC | BATTERY MANAGEMENT SYSTEM |
| WO 2024083143 A1 | NANJING CHERVON IND CO LTD | BATTERY PACK AND ELECTRIC TOOL SYSTEM |
| WO 2024085713 A1 | LG ENERGY SOLUTION LTD | BATTERY MODULE AND BATTERY PACK INCLUDING SAME |
| WO 2024085622 A1 | LG ENERGY SOLUTION LTD | NEGATIVE ELECTRODE COMPOSITION, PREPARATION METHOD THEREFOR, NEGATIVE ELECTRODE, AND LITHIUM SECONDARY BATTERY COMPRISING SAME |
| WO 2024091795 A1 | BATTELLE MEMORIAL INSTITUTE | DIRECT RECYCLING AND CONVERTING CATHODE MATERIALS INTO HIGH-PERFORMANCE SINGLE CRYSTAL CATHODE MATERIALS |
| WO 2024092684 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | POSITIVE ELECTRODE SHEET, SECONDARY BATTERY AND ELECTRIC APPARATUS |
| WO 2024098350 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY AND ELECTRIC DEVICE |
| WO 2024100887 A1 | DENSO CORP | BATTERY MONITORING DEVICE |
| WO 2024101602 A1 | SEOUL NAT UNIV R&DB FOUNDATION | LITHIUM SECONDARY BATTERY COMPRISING AMORPHOUS CATHODE ACTIVE MATERIAL |
| WO 2024101952 A1 | LG ENERGY SOLUTION LTD | NEGATIVE ELECTRODE ACTIVE MATERIAL, NEGATIVE ELECTRODE COMPRISING SAME, SECONDARY BATTERY COMPRISING SAME, AND METHOD FOR PRODUCING NEGATIVE ELECTRODE ACTIVE MATERIAL |
| WO 2024117413 A1 | LG ENERGY SOLUTION LTD | BATTERY SYSTEM AND BATTERY BALANCING METHOD THEREOF |
| WO 2024065145 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | POSITIVE ELECTRODE ACTIVE MATERIAL, PREPARATION METHOD THEREFOR, AND POSITIVE ELECTRODE SHEET, SECONDARY BATTERY AND ELECTRICAL DEVICE COMPRISING SAME |
| WO 2024073001 A1 | APPLIED MATERIALS INC | ALKALI METAL OXIDE AND HYDROXIDE REDUCTION IN THE FILM BY EX-SITU SURFACE PASSIVATED LAYER |
| WO 2024075484 A1 | MTEK SMART CORP | METHOD FOR APPLYING POWDER, METHOD FOR PRODUCING SECONDARY BATTERY, METHOD FOR PRODUCING ALL-SOLID-STATE BATTERY, SECONDARY BATTERY AND ALL-SOLID-STATE BATTERY |
| WO 2024082200 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | PROTECTION BOARD, AND VEHICLE |
| WO 2024082155 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY SELF-HEATING SYSTEM, ELECTRICAL DEVICE, AND VEHICLE |
| WO 2024085192 A1 | RENAISIS CO LTD | METHOD FOR PRODUCING ELECTRODE MEMBER, SYSTEM FOR PRODUCING ELECTRODE MEMBER, METHOD FOR PRODUCING POSITIVE ELECTRODE ACTIVE MATERIAL, POSITIVE ELECTRODE ACTIVE MATERIAL, POSITIVE ELECTRODE MIXTURE AND SECONDARY BATTERY |
| WO 2024086987 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | MIXED ADDITIVE, ELECTROLYTE SOLUTION FOR SODIUM SECONDARY BATTERY, SODIUM SECONDARY BATTERY, BATTERY MODULE, BATTERY PACK, AND ELECTRIC DEVICE |
| WO 2024089266 A1 | KYBURZ SWITZERLAND AG | METHOD AND DEVICE FOR RECYCLING LITHIUM-ION BATTERIES |

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| WO 2024092446 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY HEATING CONTROL METHOD AND CONTROL APPARATUS |
| WO 2024096075 A1 | AIST | IRON-CONTAINING LITHIUM POLYSULFIDE |
| WO 2024096209 A1 | ECOPRO BM CO LTD | LITHIUM COMPOSITE OXIDE, AND CATHODE ACTIVE MATERIAL FOR SECONDARY BATTERY, COMPRISING SAME |
| WO 2024096591 A1 | LG ENERGY SOLUTION LTD | ANODE, AND LITHIUM ION SECONDARY BATTERY COMPRISING ANODE |
| WO 2024101772 A1 | MOON YONG TAEK | FIRE-EXTINGUISHING SYSTEM APPLIED TO ELECTRIC VEHICLE BATTERY PACK |
| WO 2024101231 A1 | RESONAC CORP | SECONDARY BATTERY, POSITIVE ELECTRODE, AND COMPOSITION FOR POSITIVE ELECTRODE MIXTURE LAYER |
| WO 2024080634 A1 | LG ENERGY SOLUTION LTD | SECONDARY BATTERY |
| WO 2024080805 A1 | LG ENERGY SOLUTION LTD | COMPOSITE SOLID ELECTROLYTE AND MANUFACTURING METHOD THEREFOR |
| WO 2024087190 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | ELECTRODE SHEET, ELECTRODE ASSEMBLY, SECONDARY BATTERY, AND ELECTRIC DEVICE |
| WO 2024091623 A1 | APPLIED MATERIALS INC | METALLIC LITHIUM WEB COATING VIA DIRECT FLUORINATED PET FILM CARRIERS AND TRANSFER LAMINATION METHODS |
| WO 2024107027 A1 | LG ENERGY SOLUTION LTD | SECONDARY BATTERY MANUFACTURING METHOD |
| WO 2024108344 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | COMPRESSING APPARATUS, BATTERY, BATTERY CELL, MACHINING METHOD AND PRODUCTION SYSTEM |
| WO 2024117675 A1 | SAMSUNG SDI CO LTD | ALL SOLID-STATE BATTERY |
| WO 2024065301 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | WINDING-TYPE ELECTRODE ASSEMBLY, BATTERY CELL, BATTERY, ELECTRIC APPARATUS AND WINDING DEVICE |
| WO 2024065578 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | SODIUM ION BATTERY AND ELECTRIC APPARATUS COMPRISING SAME |
| WO 2024071479 A1 | XAVIS CO LTD | X-RAY INSPECTION DEVICE HAVING MULTI-POINT INSPECTION STRUCTURE |
| WO 2024072059 A1 | LG ENERGY SOLUTION LTD | ANODE AND SECONDARY BATTERY |
| WO 2024080808 A1 | LG ENERGY SOLUTION LTD | METHOD FOR PRODUCING POLYMER SOLID ELECTROLYTE |
| WO 2024085546 A1 | KOREA INST ENERGY RES | ELECTROCHEMICAL SYSTEM FIRE EXTINGUISHING DEVICE AND HEAT PUMP SYSTEM USING COMPOSITION HAVING LOW GLOBAL WARMING POTENTIAL |
| WO 2024085648 A1 | LG ENERGY SOLUTION LTD | SECONDARY BATTERY AND METHOD FOR MANUFACTURING SAME |
| WO 2024087127 A1 | YANGZHOU NANOPORE INNOVATIVE MATERIALS TECH LTD | LOW-THERMAL-SHRINKAGE COMPOSITE CURRENT COLLECTOR, PREPARATION METHOD THEREFOR AND USE THEREOF |
| WO 2024090767 A1 | LG ENERGY SOLUTION LTD | BATTERY CAPACITY RECOVERY APPARATUS AND BATTERY CAPACITY RECOVERY METHOD |
| WO 2024092501 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | POSITIVE ELECTRODE SHEET AND PREPARATION METHOD THEREFOR, SECONDARY BATTERY, AND ELECTRIC DEVICE |
| WO 2024092448 A1 | XIAMEN AMPACK TECH LIMITED | BATTERY PACK AND ELECTRICAL DEVICE |
| WO 2024092714 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | ELECTRODE ASSEMBLY, FORMING METHOD, BATTERY CELL, BATTERY AND ELECTRICAL DEVICE |
| WO 2024092638 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | ELECTRODE ASSEMBLY AND MANUFACTURING METHOD THEREFOR, BATTERY CELL, BATTERY, AND ELECTRIC DEVICE |
| WO 2024100559 A1 | 3M INNOVATIVE PROPERTIES COMPANY | THERMAL RUNAWAY BARRIER PRODUCT WITH NEW ENCAPSULATION |
| WO 2024101947 A1 | LG ENERGY SOLUTION LTD | NEGATIVE ELECTRODE ACTIVE MATERIAL, NEGATIVE ELECTRODE COMPRISING SAME, SECONDARY BATTERY COMPRISING SAME, AND METHOD FOR PRODUCING NEGATIVE ELECTRODE ACTIVE MATERIAL |

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| WO 2024108562 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | SECONDARY BATTERY AND ELECTRICAL DEVICE |
| WO 2024070701 A1 | PANASONIC IP MAN CO LTD | SECONDARY BATTERY AND NEGATIVE ELECTRODE CURRENT COLLECTOR |
| WO 2024071938 A1 | LG ENERGY SOLUTION LTD | COOLING MEMBER AND BATTERY PACK COMPRISING SAME |
| WO 2024080065 A1 | DENSO CORP | BATTERY MANAGEMENT SYSTEM, MEMORY UNIT, DISPLAY PROGRAM, AND STORAGE SECTION |
| WO 2024080339 A1 | DAINIPPON PRINTING CO LTD | ALL-SOLID-STATE BATTERY |
| WO 2024084734 A1 | MURATA MANUFACTURING CO | SECONDARY BATTERY |
| WO 2024087054 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | STACKED ELECTRODE ASSEMBLY AND MANUFACTURING METHOD THEREFOR, BATTERY CELL, BATTERY, AND ELECTRICAL DEVICE |
| WO 2024090452 A1 | HONDA MOTOR CO LTD | POWER DEVICE |
| WO 2024090859 A1 | LG CHEMICAL LTD | INTEGRATED ELECTRODE/SEPARATOR FOR LITHIUM SECONDARY BATTERY, AND LITHIUM SECONDARY BATTERY COMPRISING SAME |
| WO 2024090918 A1 | ECOPRO BM CO LTD | POSITIVE ELECTRODE ACTIVE MATERIAL AND LITHIUM SECONDARY BATTERY COMPRISING SAME |
| WO 2024091004 A1 | WITH CO LTD | MATERIAL SEPARATION APPARATUS FOR RECYCLING WASTE BATTERY AND METHOD THEREFOR |
| WO 2024098257 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY CELL, BATTERY, AND ELECTRICAL APPARATUS |
| WO 2024100966 A1 | DENSO CORP | BATTERY MONITORING PROGRAM, RECORDING MEDIUM AND BATTERY MONITORING SYSTEM |
| WO 2024101867 A1 | HANSOL CHEMICAL CO LTD | BINDER COMPRISING COPOLYMER, NEGATIVE ELECTRODE FOR SECONDARY BATTERY COMPRISING BINDER, AND SECONDARY BATTERY COMPRISING NEGATIVE ELECTRODE |
| WO 2024106803 A1 | LG CHEMICAL LTD | LITHIUM SECONDARY BATTERY |
| WO 2024108588 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | SECONDARY BATTERY AND ELECTRICAL APPARATUS |
| WO 2024111323 A1 | PANASONIC IP MAN CO LTD | SECONDARY BATTERY |
| WO 2024111828 A1 | LG ENERGY SOLUTION LTD | METHOD FOR PREPARING POROUS CARBON MATERIAL |
| WO 2024070516 A1 | MURATA MANUFACTURING CO | SECONDARY BATTERY AND METHOD FOR MANUFACTURING SAME, AND BATTERY PACK |
| WO 2024070819 A1 | MURATA MANUFACTURING CO | SECONDARY BATTERY POSITIVE ELECTRODE, SECONDARY BATTERY, AND BATTERY PACK |
| WO 2024070879 A1 | YAZAKI CORP | POWER SUPPLY DEVICE |
| WO 2024082291 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | LITHIUM-ION BATTERY AND ELECTRIC DEVICE |
| WO 2024091381 A1 | APPLIED MATERIALS INC | RELEASE LAYER FOR ALKALI METAL ON PLASTIC SUBSTRATES |
| WO 2024106802 A1 | LG CHEMICAL LTD | LITHIUM SECONDARY BATTERY |
| WO 2024107844 A1 | BATTLE MOTORS INC | BATTERY FRAME FOR A BATTERY RACK AND BATTERY RACK STRUCTURE FOR AN ELECTRIC VEHICLE |
| WO 2024108520 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | SECONDARY BATTERY AND ELECTRIC DEVICE |
| WO 2024077493 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | NEGATIVE ELECTRODE SHEET, LITHIUM-ION BATTERY AND ELECTRIC DEVICE |
| WO 2024077622 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY AND ELECTRIC DEVICE |
| WO 2024085709 A1 | LG ENERGY SOLUTION LTD | ANODE FOR LITHIUM SECONDARY BATTERY, METHOD FOR MANUFACTURING ANODE FOR LITHIUM SECONDARY BATTERY, AND LITHIUM SECONDARY BATTERY COMPRISING ANODE |
| WO 2024087013 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | ELECTRODE ASSEMBLY, BATTERY CELL, BATTERY AND ELECTRIC DEVICE |

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| WO 2024087055 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | POSITIVE ELECTRODE SHEET, ELECTRODE ASSEMBLY, BATTERY CELL, BATTERY, AND ELECTRIC DEVICE |
| WO 2024087799 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | ELECTROLYTE, BATTERY CELL AND PREPARATION METHOD THEREFOR, BATTERY, AND ELECTRIC DEVICE |
| WO 2024088759 A1 | SIEMENS MOBILITY GMBH | COOLANT COLLECTION DEVICE WITH RIGID TUBE CONNECTIONS |
| WO 2024101199 A1 | GS YUASA INT LTD | POWER STORAGE DEVICE |
| WO 2024111829 A1 | LG ENERGY SOLUTION LTD | CATHODE FOR LITHIUM-SULFUR BATTERY, AND LITHIUM-SULFUR BATTERY HAVING HIGH-ENERGY-DENSITY CHARACTERISTIC |
| WO 2024066210 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BAB TYPE BLOCK COPOLYMER AND PREPARATION METHOD THEREFOR, BINDER, POSITIVE ELECTRODE SHEET, SECONDARY BATTERY AND ELECTRIC DEVICE |
| WO 2024074970 A1 | SEMICONDUCTOR ENERGY LAB | BATTERY AND METHOD FOR PRODUCING SAME |
| WO 2024080639 A1 | LG ENERGY SOLUTION LTD | ALL-SOLID-STATE BATTERY MANUFACTURING METHOD |
| WO 2024091015 A1 | LG ENERGY SOLUTION LTD | CATHODE AND LITHIUM SECONDARY BATTERY MANUFACTURED USING SAME |
| WO 2024101594 A1 | SK ON CO LTD | INK COMPOSITION FOR LIGHT-SINTERING, OXIDE-BASED SOLID ELECTROLYTE SHEET AND ALL-SOLID LITHIUM SECONDARY BATTERY |
| WO 2024101914 A1 | LG ENERGY SOLUTION LTD | BATTERY ABNORMALITY DIAGNOSIS DEVICE AND OPERATION METHOD THEREOF |
| WO 2024065151 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | SEPARATOR AND PREPARATION METHOD THEREFOR, SECONDARY BATTERY, BATTERY MODULE, BATTERY PACK, AND ELECTRICAL APPARATUS |
| WO 2024080493 A1 | SAMSUNG SDI CO LTD | SOLID ELECTROLYTE, METHOD FOR PREPARING SAME, POSITIVE ELECTRODE, AND ALL-SOLID RECHARGEABLE BATTERY |
| WO 2024080718 A1 | LG ENERGY SOLUTION LTD | LITHIUM SECONDARY BATTERY |
| WO 2024096223 A1 | SK ON CO LTD | POSITIVE ELECTRODE CURRENT COLLECTOR FOR LITHIUM SECONDARY BATTERY, PREPARATION METHOD THEREFOR, AND LITHIUM SECONDARY BATTERY COMPRISING SAME |
| WO 2024096065 A1 | NISSAN MOTOR | SOLID ELECTROLYTE LAMINATE, SOLID SECONDARY BATTERY, AND PRODUCTION METHOD FOR SAME |
| WO 2024096682 A1 | LG ENERGY SOLUTION LTD | LITHIUM SECONDARY BATTERY |
| WO 2024099995 A1 | X FIRE AB | A FIRE SUPPRESSING APPARATUS AND RELATED SYSTEM AND METHOD |
| WO 2024080615 A1 | DUKSAN ELECTERA CO LTD | NON-AQUEOUS ELECTROLYTE, COMPRISING NOVEL ELECTROLYTE ADDITIVE, FOR LITHIUM SECONDARY BATTERY AND LITHIUM SECONDARY BATTERY COMPRISING SAME |
| WO 2024080689 A1 | LG ENERGY SOLUTION LTD | NEGATIVE ELECTRODE AND SECONDARY BATTERY |
| WO 2024095976 A1 | SUMITOMO METAL MINING CO | POSITIVE ELECTRODE ACTIVE MATERIAL FOR LITHIUM ION SECONDARY BATTERY, AND LITHIUM ION SECONDARY BATTERY |
| WO 2024096751 A1 | ENATEL | BATTERY CHARGING AND COMMUNICATIONS USING CHIRP SPREAD SPECTRUM SIGNAL MODULATION |
| WO 2024076707 A1 | SOLID POWER OPERATING INC | MANUFACTURING OF SOLID-STATE ELECTRODE LAMINATE |
| WO 2024076987 A1 | ZELOS ENERGY LTD | MONOLITHIC ELECTRODE ASSEMBLIES WITH CONTAINED THREE-DIMENSIONAL CHANNELS USABLE WITH ION EXCHANGE MATERIALS |
| WO 2024079507 A1 | VIDYASIRIMEDHI INSTITUTE OF SCIENCE AND TECH | BATTERY AND MANUFACTURING METHOD THEREFOR |
| WO 2024096222 A1 | SK ON CO LTD | POSITIVE ELECTRODE CURRENT COLLECTOR FOR LITHIUM SECONDARY BATTERY, PREPARATION METHOD THEREFOR, AND LITHIUM SECONDARY BATTERY COMPRISING SAME |
| WO 2024096693 A1 | TOP ENG CO LTD | STACK DEVICE |
| WO 2024101455 A1 | IBIDEN CO LTD | HEAT TRANSFER SUPPRESSION SHEET AND BATTERY PACK |

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| WO 2024106923 A1 | KOREA MARITIME UNIV IND ACAD | BATTERY FIRE EXTINGUISHING DEVICE |
| WO 2024106786 A1 | LG ENERGY SOLUTION LTD | BATTERY MODULE AND BATTERY PACK COMPRISING SAME |
| WO 2024070500 A1 | SUMITOMO METAL MINING CO | VALUABLE METAL PRODUCTION METHOD |
| WO 2024076153 A1 | INU RES & BUSINESS FOUNDATION | ELECTROLYTE FOR LITHIUM SECONDARY BATTERY COMPRISING N-(4-FLUOROPHENYL)MALEIMIDE, AND LITHIUM SECONDARY BATTERY COMPRISING SAME |
| WO 2024096483 A1 | LG ENERGY SOLUTION LTD | BATTERY PACK AND DEVICE COMPRISING SAME |
| WO 2024096415 A1 | RYU KWANG HEE | BATTERY FIRE EXTERNAL EXTINGUISHING DEVICE |
| WO 2024106792 A1 | LG ENERGY SOLUTION LTD | BATTERY MANAGEMENT DEVICE, BATTERY PACK, AND BATTERY PACK CHARGING CONTROL METHOD |
| WO 2024079328 A1 | NORTHVOLT AB | EDGE COATING IN AN ELECTRODE ROLL, AND A CYLINDRICAL SECONDARY CELL |
| WO 2024089553 A1 | ELECTROVAYA INC | CERAMIC COMPOSITE SEPARATOR AND METHOD FOR MANUFACTURING THE SAME |
| WO 2024096676 A1 | LG ENERGY SOLUTION LTD | LITHIUM SECONDARY BATTERY |
| WO 2024096525 A1 | LG ENERGY SOLUTION LTD | SEPARATOR FOR SECONDARY BATTERY, PREPARATION METHOD THEREFOR, AND SECONDARY BATTERY COMPRISING SAME |
| WO 2024090870 A1 | LG ENERGY SOLUTION LTD | METHOD FOR MANUFACTURING SEPARATOR EQUIPPED WITH POLYMER ADHESIVE LAYER, POLYMER ADHESIVE LAYER-EQUIPPED SEPARATOR FORMED THEREBY, AND ELECTROCHEMICAL DEVICE INCLUDING SAME |
| WO 2024096653 A1 | LG ENERGY SOLUTION LTD | CATHODE AND LITHIUM SECONDARY BATTERY MANUFACTURED USING SAME |
| WO 2024101930 A1 | LG ENERGY SOLUTION LTD | BATTERY MANAGEMENT SYSTEM, BATTERY PACK COMPRISING SAME, AND METHOD OF DIAGNOSING DETERIORATION OF SECONDARY BATTERY |
| WO 2024102374 A1 | UNIV ARKANSAS | ANODE-FREE LITHIUM METAL BATTERIES FORMED BY ATOMIC AND MOLECULAR LAYER DEPOSITION |
| WO 2024080573 A1 | LG ENERGY SOLUTION LTD | NEGATIVE ELECTRODE ACTIVE MATERIAL, NEGATIVE ELECTRODE INCLUDING SAME, SECONDARY BATTERY INCLUDING SAME, AND METHOD FOR MANUFACTURING NEGATIVE ELECTRODE ACTIVE MATERIAL |
| WO 2024096517 A1 | LG CHEMICAL LTD | SOLID ELECTROLYTE, METHOD FOR MANUFACTURING SAME, AND ALL-SOLID-STATE BATTERY COMPRISING SAME |
| WO 2024101750 A1 | SK ON CO LTD | CATHODE FOR LITHIUM SECONDARY BATTERY AND SECONDARY BATTERY COMPRISING SAME |
| WO 2024101901 A2 | LG ENERGY SOLUTION LTD | BATTERY MANAGEMENT SYSTEM, BATTERY PACK INCLUDING SAME, AND METHOD OF ESTABLISHING CHARGING PROTOCOL OF LITHIUM SECONDARY BATTERY |
| WO 2024090313 A1 | DOWA ECO SYSTEM CO LTD | METHOD FOR RECOVERING VALUABLE MATERIALS FROM LITHIUM ION SECONDARY BATTERIES |
| WO 2024091000 A1 | LG ENERGY SOLUTION LTD | BATTERY MODULE COMPRISING COOLING FIN |
| WO 2024095672 A1 | AZAPA CO LTD | BATTERY PACK SYSTEM, BATTERY MODULE, END MODULE, AND PARALLELING MODULE |
| WO 2024112704 A2 | TAE TECH INC | SYSTEMS, DEVICES, AND METHODS FOR BATTERY MODULE COOLING |
| WO 2024080491 A1 | SAMSUNG SDI CO LTD | POSITIVE ELECTRODE FOR ALL-SOLID-STATE SECONDARY BATTERY AND ALL-SOLID-STATE SECONDARY BATTERY |
| WO 2024080683 A1 | LG ENERGY SOLUTION LTD | SECONDARY BATTERY MODULE HAVING IMPROVED STABILITY OF TEMPERATURE INSIDE MODULE |
| WO 2024080827 A1 | KOREA RES INST CHEMICAL TECH | COMPOSITION FOR FORMING GEL POLYMER ELECTROLYTE, GEL POLYMER ELECTROLYTE MANUFACTURED THEREFROM, AND MANUFACTURING METHOD THEREFOR |
| WO 2024095974 A1 | SUMITOMO METAL MINING CO | POSITIVE-ELECTRODE ACTIVE MATERIAL FOR LITHIUM ION SECONDARY BATTERY, AND LITHIUM ION SECONDARY BATTERY |
| WO 2024082169 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | THERMAL MANAGEMENT SYSTEM, ELECTRIC MOTOR CONTROL METHOD AND VEHICLE |
| WO 2024085344 A1 | SAMSUNG SDI CO LTD | POSITIVE ELECTRODE FOR ALL SOLID-STATE BATTERY AND ALL SOLID-STATE BATTERY INCLUDING SAME |

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| WO 2024096678 A1 | LG ENERGY SOLUTION LTD | LITHIUM SECONDARY BATTERY |
| WO 2024090790 A1 | LG ENERGY SOLUTION LTD | METHOD OF PREPARING SEPARATOR FOR LITHIUM SECONDARY BATTERY, SEPARATOR FOR LITHIUM SECONDARY BATTERY PREPARED THEREFROM, AND LITHIUM SECONDARY BATTERY HAVING SAME |
| WO 2024101778 A1 | POSCO FUTURE M CO LTD | CARBON MATERIAL FOR NEGATIVE ELECTRODE ACTIVE MATERIAL, NEGATIVE ELECTRODE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERY, AND LITHIUM SECONDARY BATTERY COMPRISING SAME |
| WO 2024101793 A1 | SAMSUNG SDI CO LTD | ELASTIC SHEET FOR ALL-SOLID-STATE BATTERY, AND ALL-SOLID-STATE BATTERY COMPRISING SAME |
| WO 2024069252 A1 | TATA MOTORS LTD | A BATTERY THERMAL MANAGEMENT SYSTEM OF A VEHICLE AND A METHOD THEREOF |
| WO 2024086971 A1 | NINGDE AMPEREX TECHNOLOGY LTD | CYLINDRICAL BATTERY CELL AND CYLINDRICAL SECONDARY BATTERY |
| WO 2024095702 A1 | DENSO CORP | IDENTIFICATION INFORMATION SETTING DEVICE AND PROGRAM |
| WO 2024101454 A1 | APB CORP | DEVICE FOR PERFORMING IN-VACUO HEAT SEALING AND LAMINATION FOR BATTERY MANUFACTURING |
| WO 2024073897 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | NEGATIVE ELECTRODE SHEET, SECONDARY BATTERY, AND ELECTRICAL APPARATUS |
| WO 2024076135 A1 | LG ENERGY SOLUTION LTD | THERMAL PROPAGATION PREVENTING BATTERY CELL |
| WO 2024077633 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY AND ELECTRIC DEVICE |
| WO 2024090215 A1 | DENSO CORP | BATTERY AUTHENTICATION SYSTEM |
| WO 2024101612 A1 | LG ENERGY SOLUTION LTD | CATHODE FOR ALL-SOLID-STATE BATTERY, AND ALL-SOLID-STATE BATTERY COMPRISING SAME |
| WO 2024106976 A1 | LG ENERGY SOLUTION LTD | JELLY ROLL, SECONDARY BATTERY, BATTERY PACK, AND AUTOMOBILE |
| WO 2024076096 A1 | KOLON INC | SOLID ELECTROLYTE COMPOSITION, SOLID ELECTROLYTE FORMED THEREFROM, AND LITHIUM SECONDARY BATTERY COMPRISING SAME |
| WO 2024101556 A1 | SK ON CO LTD | CATHODE FOR LITHIUM SECONDARY BATTERY, AND LITHIUM SECONDARY BATTERY COMPRISING SAME |
| WO 2024101797 A1 | SAMSUNG SDI CO LTD | ALL SOLID-STATE METAL BATTERY |
| WO 2024076175 A1 | LG CHEMICAL LTD | LITHIUM METAL BATTERY |
| WO 2024087102 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY AND ELECTRIC DEVICE |
| WO 2024101897 A1 | LG ENERGY SOLUTION LTD | METHOD FOR ESTABLISHING LITHIUM SECONDARY BATTERY CHARGING PROTOCOL, BATTERY MANAGEMENT SYSTEM, BATTERY PACK, AND BATTERY CELL CHARGING DEVICE |
| WO 2024081391 A1 | CONAMIX INC | SOLID-STATE LITHIUM-SULFUR BATTERY COMPOSITIONS AND DEVICES |
| WO 2024085503 A1 | LG ENERGY SOLUTION LTD | STACK-AND-FOLD TYPE ELECTRODE ASSEMBLY EMPLOYING THICKNESS-SUPPLEMENTING PART, METHOD FOR MANUFACTURING SAME, AND SECONDARY BATTERY INCLUDING SAME |
| WO 2024085729 A1 | POSCO HOLDINGS INC | CATHODE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERY, PREPARATION METHOD THEREFOR, AND LITHIUM SECONDARY BATTERY COMPRISING SAME |
| WO 2024090857 A1 | LG ENERGY SOLUTION LTD | ELECTROLYTE FOR LITHIUM-SULFUR SECONDARY BATTERY AND LITHIUM-SULFUR SECONDARY BATTERY COMPRISING SAME |
| WO 2024100502 A2 | MEDTRONIC INC | RECHARGEABLE BATTERY WITH HIGH COMPRESSION ELECTRODE COIL AND METHODS FOR MAKING THE SAME |
| WO 2024085688 A1 | LG CHEMICAL LTD | ELECTRODE |
| WO 2024106693 A1 | LG ENERGY SOLUTION LTD | IMMERSION COOLING BATTERY MODULE, AND BATTERY PACK AND VEHICLE INCLUDING SAME |
| WO 2024082088 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | ELECTRODE ASSEMBLY, BATTERY CELL, BATTERY AND ELECTRIC DEVICE |
| WO 2024085426 A1 | LG ENERGY SOLUTION LTD | BATTERY MANAGEMENT DEVICE AND OPERATING METHOD THEREFOR |

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| WO 2024085440 A1 | LG ENERGY SOLUTION LTD | NEGATIVE ELECTRODE ACTIVE MATERIAL, NEGATIVE ELECTRODE INCLUDING SAME, SECONDARY BATTERY INCLUDING SAME, AND METHOD FOR PREPARING NEGATIVE ELECTRODE ACTIVE MATERIAL |
| WO 2024085568 A1 | LG ENERGY SOLUTION LTD | BATTERY MODULE TOP COVER STRUCTURE |
| WO 2024080638 A1 | LG ENERGY SOLUTION LTD | ELECTRODE ASSEMBLY AND SECONDARY BATTERY COMPRISING SAME |
| WO 2024090324 A1 | DAIKIN IND LTD | BINDER FOR POSITIVE ELECTRODES, ELECTRODE MIXTURE, ELECTRODE AND SECONDARY BATTERY |
| WO 2024090907 A1 | LG ENERGY SOLUTION LTD | FIRE-RESISTANT CABLE AND BATTERY PACK INCLUDING SAME |
| WO 2024091048 A1 | LG ENERGY SOLUTION LTD | SPLIT CHARGING/DISCHARGING METHOD FOR SECONDARY BATTERY, BATTERY MANAGEMENT SYSTEM, AND BATTERY PACK COMPRISING SAME |
| WO 2024098370 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | POSITIVE ELECTRODE MATERIAL COMPOSITION, POSITIVE ELECTRODE SHEET AND PREPARATION METHOD THEREFOR, BATTERY, AND ELECTRICAL DEVICE |
| WO 2024091041 A1 | LG ENERGY SOLUTION LTD | APPARATUS AND METHOD FOR DIAGNOSING BATTERY |
| WO 2024091531 A1 | PURDUE RESEARCH FOUNDATION | QUASI-SOLID-STATE ELECTROLYTES, ELECTROCHEMICAL CELLS, AND RELATED METHODS |
| WO 2024081684 A2 | THE FLORIDA INTERNATIONAL UNIV BOARD OF TRUSTEES | CATHODES FOR LITHIUM-SULFUR BATTERIES WITH NANOCATALYSTS |
| WO 2024085340 A1 | SAMSUNG SDI CO LTD | NEGATIVE ELECTRODE FOR RECHARGEABLE LITHIUM BATTERY AND RECHARGEABLE LITHIUM BATTERY INCLUDING SAME |
| WO 2024085668 A1 | LG CHEMICAL LTD | CURRENT COLLECTOR |
| WO 2024090709 A1 | SK ON CO LTD | BATTERY MODULE AND BATTERY PACK COMPRISING SAME |
| WO 2024090967 A1 | LG ENERGY SOLUTION LTD | BATTERY PACK |
| WO 2024085470 A1 | LG ENERGY SOLUTION LTD | BATTERY PACK WITH IMPROVED COOLING STRUCTURE AND DEVICE INCLUDING SAME |
| WO 2024085542 A1 | LG ENERGY SOLUTION LTD | METHOD FOR MANUFACTURING ELECTRODE ASSEMBLY WITH IMPROVED PROCESSABILITY, AND ELECTRODE ASSEMBLY MANUFACTURED USING SAME |
| WO 2024085690 A1 | LG CHEMICAL LTD | CURRENT COLLECTOR FOR ELECTRODE |
| WO 2024091011 A1 | HANSOL CHEMICAL CO LTD | BINDER COMPRISING POLYAMIDE POLYMER, POSITIVE ELECTRODE FOR SECONDARY BATTERY COMPRISING BINDER, AND SECONDARY BATTERY COMPRISING POSITIVE ELECTRODE |
| WO 2024090996 A1 | LG ENERGY SOLUTION LTD | METHOD FOR MANUFACTURING SECONDARY BATTERY |
| WO 2024076191 A1 | HANSOL CHEMICAL CO LTD | COPOLYMER FOR SEPARATOR AND SECONDARY BATTERY COMPRISING SAME |
| WO 2024091019 A1 | LG ENERGY SOLUTION LTD | HIGH-LOADING POSITIVE ELECTRODE, SLURRY FOR POSITIVE ELECTRODE, AND LITHIUM SECONDARY BATTERY |
| WO 2024071548 A1 | SK ON CO LTD | BATTERY PACK CASE AND BATTERY PACK COMPRISING SAME |
| WO 2024076705 A1 | SOLID POWER OPERATING INC | PEELING MECHANISM AND METHOD FOR A LAMINATED ELECTRODE |
| WO 2024085691 A1 | LG CHEMICAL LTD | COPOLYMER |
| WO 2024085439 A1 | LG ENERGY SOLUTION LTD | NEGATIVE ELECTRODE ACTIVE MATERIAL, NEGATIVE ELECTRODE INCLUDING SAME, SECONDARY BATTERY INCLUDING SAME, AND METHOD FOR PREPARING NEGATIVE ELECTRODE ACTIVE MATERIAL |
| WO 2024090706 A1 | SAMSUNG SDI CO LTD | ALL-SOLID-STATE BATTERY |
| WO 2024090924 A1 | RYU KWANG HEE | AUTOMATIC BATTERY FIRE EXTINGUISHING DEVICE |
| WO 2024106692 A1 | LG ENERGY SOLUTION LTD | IMMERSION COOLING BATTERY MODULE, AND BATTERY PACK AND VEHICLE INCLUDING SAME |
| WO 2024101766 A1 | SAMSUNG SDI CO LTD | NEGATIVE COATING COMPOSITION FOR ALL SOLID-STATE BATTERY, METHOD FOR PREPARING SAME, AND ALL SOLID-STATE BATTERY INCLUDING SAME |
| WO 2024097862 A2 | EV THERMAL FLOW SOLUTIONS LLC | THERMAL MANAGEMENT MODULE |

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| WO 2024082121 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | POSITIVE ELECTRODE MATERIAL AND PREPARATION METHOD THEREOF, POSITIVE POLE PIECE, SECONDARY BATTERY, AND ELECTRICAL APPARATUS |
| WO 2024075932 A1 | SAMSUNG SDI CO LTD | METHOD FOR MANUFACTURING ALL-SOLID-STATE RECHARGEABLE BATTERY MODULE THROUGH TEMPERATURE CONTROL AND ALL-SOLID-STATE RECHARGEABLE BATTERY |
| WO 2024082139 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | BATTERY AND ELECTRIC DEVICE |
| WO 2024077543 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | ELECTRODE ASSEMBLY, SECONDARY BATTERY, BATTERY PACK, AND ELECTRIC APPARATUS |
| WO 2024086737 A2 | ENEVATE CORP | SILICON WITH CARBON-BASED COATING FOR LITHIUM-ION BATTERY ELECTRODES |
| WO 2024090729 A1 | LG ENERGY SOLUTION LTD | IMMERSION-COOLED BATTERY MODULE, AND BATTERY PACK AND VEHICLE INCLUDING SAME |
| WO 2024102352 A2 | PROPRIETY INC | ALTERNATIVE SOLVENT/BINDER SLURRY COMPOSITIONS FOR MANUFACTURE OF LITHIUM-ION BATTERY ELECTRODES |
| WO 2024083624 A2 | VALEO SYSTEMES THERMIQUES | THERMAL REGULATION DEVICE FOR COOLING AN ENERGY STORAGE MEMBER |
| WO 2024091042 A1 | LG ENERGY SOLUTION LTD | LITHIUM SECONDARY BATTERY |
| WO 2024074262 A2 | BAYERISCHE MOTOREN WERKE AG | ENERGY STORAGE DEVICE WITH DRAINAGE SYSTEM |
| WO 2024072092 A1 | LG ENERGY SOLUTION LTD | SYSTEM AND METHOD FOR DIAGNOSING DETERIORATION STATE OF BATTERY |
| WO 2024072435 A1 | ASCEND ELEMENTS INC | NICKEL-METAL HYDRIDE (NIMH) BATTERY RECYCLING |
| WO 2024077608 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | POSITIVE ELECTRODE LITHIUM SUPPLEMENTING MATERIAL AND PREPARATION METHOD, POSITIVE ELECTRODE SHEET, SECONDARY BATTERY AND ELECTRIC DEVICE |
| WO 2024098067 A2 | UNIV CALIFORNIA | SYSTEMS OF POLYMER BINDERS FOR LITHIUM ION BATTERIES AND METHODS THEREOF |
| WO 2024067855 A1 | BYD CO LTD | THERMAL MANAGEMENT SYSTEM AND VEHICLE HAVING SAME |

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SUPERCONDENSADORES

| Nº PUBLICACIÓN | SOLICITANTE | CONTENIDO TÉCNICO |
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| WO 2024120920 A1 | SIEMENS AG | ELECTRICAL BUFFER SYSTEM WITH DOUBLE-LAYER CAPACITORS |
| WO 2024097452 A2 | PPG IND OHIO INC | SUPERCAPACITOR ELECTRODE COATING MATERIALS INCLUDING ACTIVE COMPOSITE PARTICLES AND CONDUCTIVE CARBON-CONTAINING PARTICLES |
| WO 2024111604 A1 | DAINIPPON PRINTING CO LTD | POWER STORAGE DEVICE EXTERIOR MATERIAL, PRODUCTION METHOD FOR SAME, AND POWER STORAGE DEVICE |
| WO 2024076305 A1 | UNIV NANYANG TECH | SOLVENTS AND METHODS OF RECOVERING CURRENT COLLECTOR |
| WO 2024071814 A1 | LG ENERGY SOLUTION LTD | BATTERY CELL DIAGNOSIS DEVICE AND METHOD |
| WO 2024070479 A1 | TOYOTA JIDOSHOKKI KK | POWER STORAGE DEVICE |
| WO 2024074044 A1 | UNIV WEST ANHUI | HYBRID ENERGY STORAGE SYSTEM APPARATUS FOR POWER SUPPLY OF BATTERY ELECTRIC VEHICLE |

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SISTEMAS DE RECUPERACIÓN DE ENERGÍA; FRENOS REGENERATIVOS

| Nº PUBLICACIÓN | SOLICITANTE | CONTENIDO TÉCNICO |
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| WO 2024125963 A1 | MERCEDES BENZ GROUP AG | METHOD FOR OPERATING A VEHICLE |
| WO 2024104817 A1 | ZF CV SYSTEMS GLOBAL GMBH | METHOD FOR A VEHICLE, IN PARTICULAR UTILITY VEHICLE, COMPUTER PROGRAM AND/OR COMPUTER-READABLE MEDIUM, CONTROL UNIT, AND ELECTRICALLY DRIVABLE VEHICLE, IN PARTICULAR UTILITY VEHICLE |
| WO 2024080898 A1 | EPIROC ROCK DRILLS AB | METHOD AND SYSTEM FOR CONTROLLING A TRACTION SPEED OF A MINING VEHICLE DURING DOWNHILL DRIVING |
| WO 2024097819 A1 | HIT THE BRAKES LLC | ELECTRIC REGENERATIVE BRAKING SYSTEM |
| WO 2024080503 A1 | ESSYS CO LTD | ELECTRICAL VEHICLE BRAKING CONTROL METHOD AND SYSTEM |

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MÁQUINAS ELÉCTRICAS

| Nº PUBLICACIÓN | SOLICITANTE | CONTENIDO TÉCNICO |
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| WO 2024109980 A1 | SCHAEFFLER TECHNOLOGIES AG | STATOR |
| WO 2024110155 A1 | SIEMENS AG | METHOD FOR MANUFACTURING A LAMINATED CORE, AND ELECTRIC MACHINE |
| WO 2024105158 A1 | VALEO SYSTEMES DE CONTROLE MOTEUR | ACTUATOR FOR A PARKING LOCK SYSTEM OF A VEHICLE GEARBOX |
| WO 2024121528 A1 | BOWMAN POWER GROUP LTD | A HIGH-SPEED ELECTRICAL MACHINE AND A STATOR |
| WO 2024114850 A1 | SCHAEFFLER TECHNOLOGIES AG | BRAKING SYSTEM |
| WO 2024127862 A1 | NIPPON STEEL CORP | ROTOR, ROTOR CORE, INDUCTION MOTOR, AND DESIGN METHOD FOR INDUCTION MOTOR |
| WO 2024105487 A1 | TEXA DYNAMICS S R L | VARIABLE AIR-GAP ELECTRIC MOTOR |
| WO 2024105011 A1 | UNIV KASSEL | ADHESION-BONDED STACKING OF LAMINATED ROTOR AND STATOR CORES |
| WO 2024120785 A1 | VALEO SYSTEMES DE CONTROLE MOTEUR | ELECTROMECHANICAL ACTUATOR |
| WO 2024104530 A1 | SCHAEFFLER TECHNOLOGIES AG | LINEAR MAGAZINE AND KIT-OF-PARTS |
| WO 2024121050 A1 | VALEO SYSTEMES DESSUYAGE | GEARED MOTOR AND ASSOCIATED WIPING DEVICE AND MOTOR VEHICLE |
| WO 2024094433 A1 | BAYERISCHE MOTOREN WERKE AG | FASTENING ANCHOR FOR A BATTERY, METHOD FOR PRODUCING A BATTERY, BATTERY, AND MOTOR VEHICLE HAVING A BATTERY OF THIS TYPE |
| WO 2024099652 A1 | ZAHNRADFABRIK FRIEDRICHSHAFEN | CONTACTING UNIT FOR AN ELECTRIC MOTOR |
| WO 2024100461 A1 | BEIGPOUR JALIL | MAGNETIC TORQUE MOTOR |
| WO 2024106330 A1 | AISIN CORP | COOLING SYSTEM |
| WO 2024121234 A1 | SC2N SA | ROTARY ELECTRIC MACHINE COMPRISING A TEMPERATURE SENSOR IN A ROTOR COOLING CIRCUIT |
| WO 2024074165 A1 | SCHAEFFLER TECHNOLOGIES AG | ROLLER BEARING AND METHOD FOR PRODUCING A ROLLER BEARING |
| WO 2024097226 A1 | TESLA INC | ELECTRIC MOTOR WITH MITIGATION OF ELECTRICALLY INDUCED BEARING DAMAGE (EIBD) |
| WO 2024100365 A1 | BONTAZ CENTRE | GEARED MOTOR BRACKET HOUSING A POSITION DETECTOR AND CONFIGURED TO HOLD A CONNECTOR TERMINAL OF THE DETECTOR |
| WO 2024088936 A1 | RENAULT SAS | POWER SUPPLY ASSEMBLY OF AN ELECTRIC MOTOR VEHICLE |
| WO 2024116982 A1 | TORAY INDUSTRIES | ROTATING ELECTRICAL MACHINE PROTECTION RING, METHOD FOR PRODUCING SAME, ROTATING ELECTRICAL MACHINE, AND ELECTRIC MOBILITY DEVICE |
| WO 2024088534 A1 | TJON A LOI MILTON KENNETH MARIA | ELECTRIC MOTOR (II) |
| WO 2024088467 A1 | SCHAEFFLER TECHNOLOGIES AG | STATOR |
| WO 2024068211 A1 | VITESCO TECH GMBH | STATOR HOUSING AND STATOR FOR AN AXIAL FLUX MACHINE |
| WO 2024115971 A1 | BOMBARDIER RECREATIONAL PRODUCTS INC | ELECTRIC VEHICLE WITH AN ELECTRIC MOTOR MOUNTED TO A SWING ARM |
| WO 2024100869 A1 | MITSUBISHI ELECTRIC CORP | ROTOR, ELECTRIC MOTOR, FAN, AND AIR CONDITIONER |
| WO 2024117592 A1 | KOREA ELECTRONICS TECHNOLOGY | STATOR RECTANGULAR COPPER WIRE TYPE WINDING ADOPTING HEAT PIPE STRUCTURE FOR IMPROVING HEAT DISSIPATION PERFORMANCE AND MOTOR USING SAME |
| WO 2024088258 A1 | MIDEA WELLING MOTOR TECH SHANGHAI CO LTD | END COVER, ELECTRIC MOTOR AND VEHICLE |
| WO 2024075759 A1 | HITACHI CONSTRUCTION MACH CO | ELECTRIC TRANSPORTATION VEHICLE |

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| Nº PUBLICACIÓN | SOLICITANTE | CONTENIDO TÉCNICO |
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| WO 2024105385 A1 | MCLAREN APPLIED LTD | VARIABLE SWITCHING FREQUENCY |
| WO 2024119371 A1 | VISTEON GLOBAL TECH INC | ONBOARD CHARGER WITH POWER STAGE INTEGRATION |
| WO 2024122009 A1 | MITSUBISHI ELECTRIC CORP | ELECTRIC VEHICLE POWERTRAIN STRUCTURE AND ELECTRIC VEHICLE |
| WO 2024120889 A1 | ZF CV SYSTEMS GLOBAL GMBH | METHOD FOR TORQUE-BASED OPERATION OF AN INVERTER OF AN ELECTRIC DRIVE OF A VEHICLE, IN PARTICULAR A COMMERCIAL VEHICLE, INVERTER, ELECTRIC DRIVE, VEHICLE, IN PARTICULAR COMMERCIAL VEHICLE, COMPUTER PROGRAM AND/OR COMPUTER-READABLE MEDIUM |
| WO 2024128137 A1 | MITSUBISHI ELECTRIC CORP | POWER CONVERSION DEVICE |
| WO 2024114980 A1 | BOSCH GMBH ROBERT | ELECTRIC CONVERTER, ELECTRIC DRIVING AND CHARGING SYSTEM, AND METHOD FOR INSPECTING SWITCHING ELEMENTS IN AN ELECTRIC CONVERTER |
| WO 2024115837 A1 | NIDEC PSA EMOTORS | ELECTROMAGNETIC COMPATIBILITY FILTER AND INVERTER PROVIDED WITH SUCH A FILTER |
| WO 2024114985 A1 | BOSCH GMBH ROBERT | ISOLATED CUK DC-TO-DC CONVERTER AS PFC AND/OR SERIAL INPUT AND SERIAL OUTPUT CONVERTER |
| WO 2024121479 A1 | NIDEC PSA EMOTORS | INVERTER HOUSING COMPRISING COOLING PADS AND INVERTER COMPRISING SUCH A HOUSING |
| WO 2024114889 A1 | VOLVO CONSTR EQUIP AB | VEHICLE POWER SUPPLY SYSTEM, ELECTRIC VEHICLE AND STARTING METHOD |
| WO 2024115180 A1 | MERCEDES BENZ GROUP AG | CONFIGURABLE POWER INVERTER |
| WO 2024115197 A1 | VITESCO TECH GMBH | ELECTRIC POWER SUPPLY SYSTEM FOR A VEHICLE |
| WO 2024110198 A1 | JAGUAR LAND ROVER LTD | ENERGY STORAGE CHARGING SYSTEM FOR A VEHICLE |
| WO 2024114982 A1 | BOSCH GMBH ROBERT | METHOD FOR OPERATING A CHARGING DEVICE FOR A VEHICLE, AND CONTROL UNIT FOR A CHARGING DEVICE |
| WO 2024110447 A1 | VITESCO TECHNOLOGIES GERMANY GMBH | POWER SEMICONDUCTOR MODULE, INVERTER COMPRISING A POWER SEMICONDUCTOR MODULE |
| WO 2024118446 A1 | DEERE & CO | FRACTIONAL POWER DIRECT CURRENT CHARGING SYSTEMS AND CONTROL METHODS THEREOF |
| WO 2024105061 A1 | VALEO EAUTOMOTIVE GERMANY GMBH | MAGNETIC CORE DEVICE |
| WO 2024110106 A1 | BOSCH GMBH ROBERT | DC-DC CONVERTER ASSEMBLY, MULTI-VOLTAGE POWER NETWORK, ELECTRICAL VEHICLE AND METHOD FOR OPERATING A MULTI-VOLTAGE POWER NETWORK |
| WO 2024124523 A1 | WOLFSPEED INC | VOLTAGE CONVERTERS HAVING WIDE OUTPUT VOLTAGE RANGES WITH IMPROVED VOLTAGE BALANCE |
| WO 2024110359 A1 | BAYERISCHE MOTOREN WERKE AG | MOTOR VEHICLE STRUCTURAL UNIT, MOTOR VEHICLE COMPRISING A MOTOR VEHICLE STRUCTURAL UNIT, ASSEMBLY COMPRISING A MOTOR VEHICLE, AND METHOD FOR REPLACING A MOTOR VEHICLE STRUCTURAL UNIT |
| WO 2024129436 A1 | BAE SYS CONTROLS INC | PROTECTION SYSTEM AND PROTECTION METHOD FOR POWER CONVERTERS |
| WO 2024110277 A1 | MAGNA POWERTRAIN GMBH & CO KG | POWER CONVERTER WITH DIRECTLY COOLED POWER MODULE AND METHOD FOR MANUFACTURING A POWER CONVERTER |
| WO 2024110104 A1 | BOSCH GMBH ROBERT | DC-DC CONVERTER ASSEMBLY AND METHOD FOR OPERATING A DC-DC CONVERTER ASSEMBLY |
| WO 2024083326 A1 | GKN AUTOMOTIVE LTD | BUSBAR ARRANGEMENT, AND ARRANGEMENT |
| WO 2024091609 A1 | TEXAS INSTRUMENTS INC | CONTROLLER FOR A VOLTAGE CONVERTER |
| WO 2024106367 A1 | AISIN CORP | VEHICLE DRIVE DEVICE |
| WO 2024118063 A1 | UNIV TENNESSEE RES FOUND | ULTRA-WIDE VOLTAGE RANGE AUXILIARY POWER MODULE |

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|----------------------------------|--------------------------------------|---|
| WO 2024083389 A1 | BOSCH GMBH ROBERT | POWER CONVERTER DEVICE FOR CONVERTING A DC INPUT VOLTAGE INTO A DC OUTPUT VOLTAGE, ELECTRIC DRIVE AND CHARGING SYSTEM AND METHOD FOR DETERMINING AN ELECTRICAL OUTPUT CURRENT |
| WO 2024106071 A1 | HITACHI ASTEMO LTD | POWER SUPPLY DEVICE |
| WO 2024068487 A1 | VALEO SYSTEMES DE CONTROLE MOTEUR | POWER SUPPLY CIRCUIT FOR A VEHICLE ELECTRICAL ENERGY STORAGE UNIT |
| WO 2024106333 A1 | AISIN CORP | VEHICULAR DRIVE DEVICE |
| WO 2024068076 A1 | BOSCH GMBH ROBERT | METHOD AND DEVICE FOR INTERRUPTING A CHARGING PROCESS OF A POWER SOURCE OF AN ELECTRIC DRIVE |
| WO 2024106382 A1 | AISIN CORP | POWER SUPPLY DEVICE |
| WO 2024074539 A1 | VITESCO TECH GMBH | CALCULATING HARMONICS IN AN ELECTRIC DRIVE USING A SPACE VECTOR REPRESENTATION OF THE HARMONIC SYSTEM |
| WO 2024074939 A1 | TORINO POLITECNICO | CIRCUIT FOR CONTROLLING A BATTERY OF A VEHICLE, AND VEHICLE COMPRISING SAID CIRCUIT |
| WO 2024099781 A1 | BAYERISCHE MOTOREN WERKE AG | METHOD FOR OPERATING A DC-TO-DC CONVERTER WITH A PRIMARY FULL-BRIDGE RECTIFIER AND A SECONDARY SYNCHRONOUS RECTIFIER FOR A MOTOR VEHICLE, COMPUTER PROGRAM, DATA PROCESSING DEVICE, AND MOTOR VEHICLE |
| WO 2024105813 A1 | MITSUBISHI ELECTRIC CORP | POWER CONVERSION DEVICE FOR RAILWAY VEHICLE |
| WO 2024105802 A1 | SUBARU CORP | MOTOR CONTROL SYSTEM FOR ELECTRIC AUTOMOBILE, AND ELECTRIC AUTOMOBILE |
| WO 2024120572 A1 | SCHAEFFLER TECHNOLOGIES AG | ELECTRONIC ASSEMBLY |
| WO 2024074550 A1 | VITESCO TECH GMBH | CONTROLLING AN ELECTRIC MACHINE WITH A HARMONIC SUPPRESSION USING A COUNTER SIGNAL IN THE VECTOR SPACE REPRESENTATION |
| WO 2024106151 A1 | AISIN CORP | POWER SUPPLY DEVICE |
| WO 2024116850 A1 | MITSUBISHI ELECTRIC CORP | COIL DEVICE AND POWER CONVERSION DEVICE |
| WO 2024092180 A1 | VITESCO TECHNOLOGIES USA LLC | VEHICLE HIGH VOLTAGE ELECTRONICS BOX |
| WO 2024113157 A1 | INNOSCIENCE ZHUHAI TECHNOLOGY CO LTD | NITRIDE-BASED DEVICE FOR DRIVING A MULTI-PHASE AC MOTOR AND METHOD FOR IMPLEMENTING THE SAME |
| WO 2024116695 A1 | DENSO CORP | CONTROL DEVICE FOR MULTILEVEL INVERTER, PROGRAM, AND MULTILEVEL INVERTER |
| WO 2024110989 A1 | VARROC ENGINEERING LTD | ON-BOARD CHARGING SYSTEM FOR ELECTRIC VEHICLES |
| WO 2024110105 A1 | BOSCH GMBH ROBERT | DC-DC CONVERTER, MULTI-VOLTAGE POWER NETWORK, ELECTRICAL VEHICLE AND METHOD FOR OPERATING A MULTI-VOLTAGE POWER NETWORK |
| WO 2024121965 A1 | HITACHI INDUSTRIAL PRODUCTS LTD | ELECTRICALLY DRIVEN VEHICLE, CONTROL DEVICE FOR ELECTRICALLY DRIVEN VEHICLE, AND CONTROL METHOD FOR ELECTRICALLY DRIVEN VEHICLE |
| WO 2024080038 A1 | PANASONIC IP MAN CO LTD | TRANSISTOR AND ELECTRIC POWER SUPPLY DEVICE |
| WO 2024102557 A2 | REDWOOD MAT INC | ELECTRODEPOSITION DEVICE INCLUDING A SERIES-IN-PARALLEL-OUT RECTIFIER CIRCUIT |
| WO 2024090066 A1 | NICHICON CORP | DC/DC CONVERTER AND POWER SOURCE DEVICE |
| WO 2024070477 A1 | DENSO CORP | OUTPUT POTENTIAL SWITCHING CIRCUIT |
| WO 2024075798 A1 | HITACHI ASTEMO LTD | INVERTER CONTROL DEVICE AND ELECTRIC VEHICLE |
| WO 2024100430 A1 | NISSAN MOTOR | POWER CONVERSION DEVICE AND METHOD FOR CONTROLLING SAME |
| WO 2024095111 A1 | SEMICONDUCTOR ENERGY LAB | BATTERY CONTROL SYSTEM AND VEHICLE |
| WO 2024089865 A1 | SUMITOMO ELECTRIC INDUSTRIES | POWER CONVERSION DEVICE, CHARGING DEVICE, AND CONTROL METHOD |
| WO 2024095705 A1 | DENSO CORP | POWER CONVERTER AND PROGRAM |
| WO 2024084914 A1 | SANDEN CORP | ELECTRIC COMPRESSOR |
| WO 2024101080 A1 | HITACHI ASTEMO LTD | MOTOR CONTROL DEVICE AND ELECTRIC VEHICLE |
| WO 2024082066 A1 | HILLCREST ENERGY TECH LTD | ZERO VOLTAGE SWITCHING MULTILEVEL-ACTIVE-NEUTRAL-POINT-CLAMPED CONVERTER |
| WO 2024106811 A1 | HANWHA SOLUTIONS CORP | ELECTRIC VEHICLE CHARGING DEVICE AND METHOD USING HOUSEHOLD SOLAR INVERTER |
| WO 2024095706 A1 | DENSO CORP | POWER CONVERSION DEVICE AND PROGRAM |

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|----------------------------------|------------------------------|---|
| WO 2024071764 A1 | LG ENERGY SOLUTION LTD | VEHICLE THAT CAN BE EMERGENCY-STARTED, AND OPERATING METHOD THEREFOR |
| WO 2024075604 A1 | TOKYO SEIMITSU CO LTD | CHARGING/DISCHARGING TEST SYSTEM AND METHOD FOR CONTROLLING CHARGING/DISCHARGING TEST SYSTEM |
| WO 2024095703 A1 | DENSO CORP | POWER CONVERSION DEVICE, PROGRAM |
| WO 2024075318 A1 | SUMITOMO ELECTRIC INDUSTRIES | COIL SWITCHING SYSTEM FOR VEHICLE MOTOR, CONTROL DEVICE, METHOD FOR CONTROLLING VEHICLE MOTOR, AND COMPUTER PROGRAM |
| WO 2024071689 A1 | HYUNDAI KEFICO CORP | POWER CONTROL SYSTEM AND METHOD FOR ELECTRIC VEHICLE OPERATING MULTIPLE PARALLEL BATTERY BANKS, AND METHOD FOR CHARGING AUXILIARY BATTERY |
| WO 2024077258 A2 | UNIV PORTLAND STATE | POWER ELECTRONIC CIRCUITS AND MODULATION METHODS FOR EMI ERADICATION AT SOURCE |

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| Nº PUBLICACIÓN | SOLICITANTE | CONTENIDO TÉCNICO |
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| WO 2024129043 A1 | TURKIYENIN OTOMOBILI GIRISIM GRUBU SANAYI VE TICARET ANONIM SIRKETI | A POWER ELECTRONIC UNIT |
| WO 2024125717 A1 | BAYERISCHE MOTOREN WERKE AG | CHARGING ELECTRIC VEHICLES |
| WO 2024114979 A1 | BOSCH GMBH ROBERT | ISOLATED CUK DC-TO-DC CONVERTER WITH LOW CAPACITANCE SERIES CAPACITORS FOR PARTIAL CANCELLATION OF SWITCHING VOLTAGE SPIKES |
| WO 2024121004 A1 | MAHLE INT GMBH | STATIONARY INDUCTIVE CHARGING DEVICE |
| WO 2024126756 A1 | CAPACTECH LTD | ONBOARD CHARGER FOR ELECTRIC VEHICLES |
| WO 2024114978 A1 | BOSCH GMBH ROBERT | METHOD FOR OPERATING A CHARGING DEVICE FOR A VEHICLE AND CONTROL UNIT FOR A CHARGING DEVICE |
| WO 2024120996 A1 | MAHLE INT GMBH | INDUCTIVE CHARGING DEVICE |
| WO 2024122993 A1 | E TESS CO LTD | MOBILE ELECTRIC VEHICLE CHARGING SYSTEM COMPRISING ESS REUSING ELECTRIC VEHICLE BATTERY PACK, AND METHOD FOR MANAGING PROVISION OF ELECTRIC VEHICLE CHARGING SERVICE USING SAME |
| WO 2024121007 A1 | MAHLE INT GMBH | STATIONARY INDUCTIVE CHARGING DEVICE, AND INDUCTIVE VEHICLE CHARGING SYSTEM COMPRISING SAME |
| WO 2024129861 A1 | PROTERRA OPERATING COMPANY INC | SYSTEM AND METHOD FOR A CONDUCTIVE CHARGING SYSTEM |
| WO 2024120960 A1 | MAHLE INT GMBH | INDUCTIVE CHARGING DEVICE |
| WO 2024112405 A1 | KION NORTH AMERICA CORP | COMBINATION BATTERY AND BATTERY CHARGER CONSTRUCT FOR ELECTRIC INDUSTRIAL TRUCKS |
| WO 2024120961 A1 | MAHLE INT GMBH | INDUCTIVE CHARGING DEVICE |
| WO 2024126102 A1 | AMPERE S A S | METHOD FOR ENDING CHARGING AND DIAGNOSING SWITCHES OF A CHARGING SYSTEM FOR AN ELECTRIC OR HYBRID VEHICLE |
| WO 2024115185 A1 | VITESCO TECH GMBH | ELECTRIC POWER SUPPLY SYSTEM FOR A VEHICLE |
| WO 2024124300 A1 | EVX AUSTRALIA PTY LTD | CHARGING SYSTEM |
| WO 2024120567 A1 | KIEKERT AG | CHARGING CONNECTOR FOR ELECTRIC AND HYBRID VEHICLES |
| WO 2024115200 A1 | VITESCO TECH GMBH | ELECTRICAL POWER SUPPLY SYSTEM FOR A VEHICLE |
| WO 2024107601 A1 | FASTCHARGE INC | POWER DISTRIBUTION SYSTEM |
| WO 2024121008 A1 | MAHLE INT GMBH | STATIONARY INDUCTIVE CHARGING DEVICE, AND INDUCTIVE VEHICLE CHARGING SYSTEM COMPRISING SAME |
| WO 2024126081 A1 | AMPERE S A S | CHARGING SYSTEM FOR AN ELECTRIC OR HYBRID VEHICLE AND ASSOCIATED VEHICLE |
| WO 2024083382 A1 | BAYERISCHE MOTOREN WERKE AG | CHARGING DEVICE COMPRISING AN ADAPTER PLUG MAGAZINE |
| WO 2024120715 A1 | DRAEXLMAIER LISA GMBH | INTERCHANGEABLE INSERT FOR A CHARGING SOCKET AND CHARGING SOCKET |
| WO 2024109983 A1 | BAYERISCHE MOTOREN WERKE AG | BIDIRECTIONAL CHARGING OF AN ELECTRIC VEHICLE |
| WO 2024094727 A1 | VALEO EAUTOMOTIVE FRANCE SAS | ELECTRICAL SYSTEM AND METHOD FOR CHARGING A BATTERY, IN PARTICULAR FOR A VEHICLE |
| WO 2024100253 A1 | CHARGE X GMBH | SYSTEM AND METHOD FOR TRANSFERRING A CHARGING SYSTEM FOR ELECTRICALLY CHARGING SEVERAL ELECTRIC VEHICLES INTO AT LEAST OR EXACTLY TWO PHYSICALLY SEPARATE NETWORKS |
| WO 2024111117 A1 | MITSUBISHI ELECTRIC CORP | ELECTRIC VEHICLE CHARGING SYSTEM, POWER MANAGEMENT DEVICE, AND ELECTRIC VEHICLE CHARGING METHOD |
| WO 2024068486 A1 | VALEO SYSTEMES DE CONTROLE MOTEUR | SECONDARY RESONANT CIRCUIT |
| WO 2024111209 A1 | MITSUBISHI HEAVY IND LTD | CONTROL DEVICE, OPERATION MANAGEMENT SYSTEM, CONTROL METHOD, AND CONTROL PROGRAM |
| WO 2024123054 A1 | LG ENERGY SOLUTION LTD | APPARATUS AND METHOD FOR CHARGING BATTERY |

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| WO 2024078728 A1 | VOLVO TRUCK CORP | INTELLIGENT GRID POWER MANAGEMENT FOR FLEET VEHICLE CHARGING |
| WO 2024110143 A1 | BAYERISCHE MOTOREN WERKE AG | METHOD AND SYSTEM FOR CHARGING AN ELECTRIC VEHICLE ON A LOCAL ENERGY NETWORK |
| WO 2024100672 A1 | CHARGING ROBOTICS LTD | WIRELESS CHARGING IN AUTOMATED PARKING GARAGES |
| WO 2024068115 A1 | BOSCH GMBH ROBERT | CHARGING DEVICE, AND METHOD FOR OPERATING THE CHARGING DEVICE |
| WO 2024084891 A1 | DENSO CORP | CONTROL DEVICES AND PROGRAM |
| WO 2024077422 A1 | CONTEMPORARY AMPEREX INTELLIGENCE TECH SHANGHAI LIMITED | CHARGING CONTROL METHOD AND APPARATUS, DEVICE, COMPUTER-READABLE STORAGE MEDIUM, AND PROGRAM |
| WO 2024066577 A1 | BYD CO LTD | BATTERY THERMAL MANAGEMENT SYSTEM, BATTERY PACK AND VEHICLE |
| WO 2024071541 A1 | LG ELECTRONICS INC | CHARGING CONTROL METHOD AND CHARGING CONTROL METHOD FOR ELECTRIC VEHICLE |
| WO 2024106265 A1 | AISIN CORP | BATTERY CONTROL SYSTEM AND SERVER |
| WO 2024076694 A1 | UNIV ALABAMA | MULTI-FUNCTIONALITY CHARGING STATION WITH MULTI-MODE MULTI-PURPOSE OPERATION AND CONTROL |
| WO 2024097913 A1 | APTERA MOTORS CORP | LIGHTWEIGHT, COMPACT, HIGH POWER DENSITY BATTERY PACK WITH SOLAR CHARGING CAPABILITY |
| WO 2024068114 A1 | BOSCH GMBH ROBERT | CHARGING DEVICE, AND METHOD FOR OPERATING THE CHARGING DEVICE |
| WO 2024089192 A1 | NORTHVOLT AB | METHOD AND CONTROL ARRANGEMENT FOR DIAGNOSING CELLS OF BATTERY PACKS USING EV CHARGERS |
| WO 2024078727 A1 | VOLVO AUTONOMOUS SOLUTIONS AB | INTELLIGENT POWER MANAGEMENT FOR BATTERY CHARGING |
| WO 2024096816 A1 | AGENCY SCIENCE TECH & RES | DEVICE, RECEIVER AND SYSTEM FOR FACILITATING WIRELESS CHARGING OF VEHICLE |
| WO 2024096153 A1 | LG ELECTRONICS INC | CHARGING SYSTEM |
| WO 2024107802 A2 | AMPLE INC | ELECTRIC VEHICLE BATTERY SERVICE STATION WITH RETRACTABLE WALLS |
| WO 2024072197 A1 | MIRAE MOBILITY SOLUTION | POWER CONTROL UNIT OF ELECTRIC VEHICLE |
| WO 2024074861 A1 | NISSAN MOTOR | CHARGING/DISCHARGING MANAGEMENT METHOD AND CHARGING/DISCHARGING MANAGEMENT DEVICE |
| WO 2024076247 A1 | GREEN ENERGY AS | AUTOMOTIVE BATTERY WITH REGENERATED ELECTRIC CHARGING |
| WO 2024067866 A1 | AULTON NEW ENERGY AUTOMOBILE TECH CO LTD | BATTERY SWAPPING STATION |

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| Nº PUBLICACIÓN | SOLICITANTE | CONTENIDO TÉCNICO |
|----------------------------------|--|---|
| WO 2024107162 A1 | UNIV YILDIZ TEKNİK | CHARGING SYSTEM FOR ELECTRIC VEHICLES |
| WO 2024117120 A1 | FOLOFLY INC | BATTERY REPLACEMENT DEVICE, BATTERY REPLACEMENT METHOD, AND PROGRAM |
| WO 2024065807 A1 | CONTEMPORARY AMPEREX TECHNOLOGY CO LTD | TURNOVER APPARATUS OF BATTERY SWAPPING SYSTEM, BATTERY SWAPPING SYSTEM, AND BATTERY SWAPPING METHOD |
| WO 2024077882 A1 | AULTON NEW ENERGY AUTOMOBILE TECH CO LTD | METHOD, SYSTEM AND DEVICE FOR CONTROLLING CHARGING AT BATTERY SWAPPING STATION, AND STORAGE MEDIUM |
| WO 2024067865 A1 | AULTON NEW ENERGY AUTOMOBILE TECH CO LTD | BATTERY SWAP STATION, CHARGING CONTROL METHOD, AND ELECTRONIC DEVICE AND COMPUTER STORAGE MEDIUM |
| WO 2024080926 A2 | SUN MOBILITY PTE LTD | A VEHICLE WITH A MODULAR BATTERY SWAPPING UNIT AND ITS ARRANGEMENT THEREOF |

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LANZAMIENTO



Los ITPs** de la OEPM nos han ahorrado horas de revisión bibliográfica para definir el punto de partida de nuestros proyectos de I+D.



EJECUCIÓN



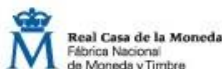
Los ITPs** de la OEPM detectaron solicitudes de patente relevantes cuando estábamos a mitad del proyecto y gracias a ello pudimos reconducir nuestra investigación.



CONCLUSIÓN



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.



* La OEPM cuenta con más de 150 examinadores de patentes especializados en los diversos sectores tecnológicos y en la búsqueda de información científico-técnica.

** Los Informes Tecnológicos de Patentes o ITPs son estudios a la medida que incluyen una búsqueda de patentes y de literatura científica con un análisis en profundidad de los documentos más relevantes. Su coste es de 440 euros más IVA.