

FP:("Panasonic Energy")

54 results Offices all Languages en Stemming true Single Family Member false Include NPL false

ANALYSIS

Close

Filters Charts

Countries	Applicants	Inventors	IPC code	Publication Dates
China 54	PANASONIC ENERGY [WUXI] CO LTD 53	SONG LIANZHONG 8	H01M 47	2014 1
		XI HONGMEI 7	B65D 5	2015 2
	PANASONIC ENERGY TAIWAN CO LTD 1	ZHANG JIAN 7	B65G 4	2016 4
		ZHANG LIMIN 6	B08B 2	2017 11
		MORIKAWA KEIMOTO 5	C01B 1	2018 10
		WANG SHAN 5	G09F 1	2019 7
		NIE QIUGEN 4	H01C 1	2020 6
		SHEN BIN 4	H02J 1	2021 6
		HUA QIAN 3		2022 2
		SHAN SENZHANG 3		

Sort: Relevance

Per page: 10

View: All

1 / 6

Machine translation

1. **101789500** BATTERY LEAD WIRE, BATTERY SEAL PLATE AND BATTERY

CN - 28.07.2010

Int.Class [H01M 2/22](#) Appl.No 200910009617.9 Applicant Panasonic Energy [Wuxi] Co., Ltd. Inventor Zhao Yuhua

The invention aims at providing a battery lead wire, a battery seal plate and a battery provided with the battery lead wire and the battery seal plate. Convex points are arranged between the battery seal plate and the battery lead wire, which enables an air vent in the battery seal plate to always keep unclogged and improves the safety of the battery. One surface of the battery lead wire is provided with at least one convex point, and the convex point is used as a spacer for preventing at least one part of the edge of the air vent of the battery seal plate from contacting the surface of the battery lead wire when the battery lead wire is attached to the battery seal plate. The battery seal plate is provided with the air vent and is used for sealing the open part of a shell, at least one convex point is arranged on the outside of the edge of the air vent of the battery seal plate towards the inner portion of the battery, and the convex point is used as a spacer for preventing at least one part of the edge of the air vent of the battery seal plate from contacting the surface of the battery lead wire when the battery lead wire is attached to the battery seal plate.

2. **207651632** NICKEL -HYDROGEN BATTERY PACKAGE

CN - 24.07.2018

Int.Class [H01M 10/613](#) Appl.No 201721639336.8 Applicant PANASONIC ENERGY [WUXI] CO., LTD. Inventor ZHANG JIAN

The utility model provides a nickel -hydrogen battery package, its two group batteries and metallic heating panel that includes baffle, series connection or parallel connection, a serial communicationport, the group battery is formed by single battery arrangement of capable, the n of m row, goes the n ni -mh monocell end to end ground series connection in every line in the direction, is listed asin the direction single A series of cells or the parallel connection s of the capable monocell of m in end and adjacent lines, two group batteries with the side of monocell with the mode branch of baffle contact is arranged in the both sides of baffle, the heating panel with the mode of the side of monocell contact set up in the group battery with one side that the baffle is opposite. According to the utility model discloses a battery package, the heat that is favorable to reducing in the battery package is stored up, and furthest has satisfied the security requirement of battery package.

3. **206098521** INTEGRATION BATTERY SEPARATOR STRUCTURE AND USE ITS RECTANGULAR CELL PACKAGE

CN - 12.04.2017



Int.Class H01M 2/18 Appl.No 202016001063038 Applicant PANASONIC ENERGY (WUXI) CO., LTD. Inventor HU DAN

The utility model provides an integration battery separator structure and use its rectangular cell package, the characterized in that of integration battery separator structure, including roof, bottom plate and 1 piece at least central baffle, central baffle stands on between the roof and bottom plate that the level placed vertically, be provided with negative pole more than two hole of stepping down on the roof, the periphery of bottom plate is provided with vertical ascending baffle, the roof central baffle with it is regional that the bottom plate encloses the battery receiving that can hold bare cell more than two sections jointly, works as when holding the bare cell who has more than two sections in the integration battery separator structure, adjacent bare cell quilt central baffle separates, bare cell's battery case bottom embedding the periphery of bottom plate in the baffle, bare cell's the negtive terminal who seals on the board follows on the roof the negative pole is stepped down and is exposed in the hole.

4. 215045498 BATTERY BLISTER PACKAGING BODY

CN - 07.12.2021

Int.Class B65D 85/88 Appl.No 202121509730.6 Applicant PANASONIC ENERGY (WUXI) CO., LTD. Inventor ZHANG JIAN

The utility model relates to a battery blister packaging body, and aims to provide a battery blister packaging body which is high in strength and reliability, can prevent a child from taking out a battery and mistakenly eating the battery, and is sequentially provided with a blister bubble shell, a plastic film and a paper card from top to bottom, the blister blister is provided with a flat bottom and an accommodating part which protrudes upwards from the plane of the bottom and is used for accommodating a battery, and the blister blister is characterized in that the plastic film is of a composite structure at least comprising an upper layer and a lower layer, the lower layer is jointed with the surface of the paper card through an adhesive, and the upper layer and the lower layer are bonded together through the adhesive. The upper layer and the bottom of the blister blister are directly fused through high-frequency welding.

5. 208828426 BATTERY PACKAGE

CN - 07.05.2019

Int.Class B65D 75/34 Appl.No 201821418297.3 Applicant PANASONIC ENERGY (WUXI) CO., LTD. Inventor SONG LIANZHONG

The utility model aims to provide a battery packaging body. The device comprises a battery and a paper card, characterized in that it is characterized in that it comprises:, wherein a plurality of cutting lines are arranged on the paper card in parallel, a plurality of paper grooves are formed between adjacent cutting lines, the battery is inserted into the plurality of paper grooves in a manner that the axial direction of the battery is perpendicular to the cutting lines, and the adjacent paper grooves are positioned on the opposite side of the battery in a staggered manner through deformation to hold the side surface of the battery so as to form a battery accommodating part.

6. 209023458 A MODULAR BATTERY CELL AND BATTERY PACKAGE

CN - 25.06.2019

Int.Class B65D 75/04 Appl.No 201721638643.4 Applicant PANASONIC ENERGY (WUXI) CO., LTD. Inventor XI HONGMEI

The utility model relates to a battery unit [10]. The battery unit comprises a plurality of batteries [1] of which the positive electrodes and the negative electrodes are respectively aligned and arranged side by side, and a film [3] that integrally covers the plurality of batteries [1]. The utility model also relates to a battery packaging body which is provided with a packaging shell and one or more battery units assembled in the packaging shell. The packaging case is preferably a blister case, and the battery cell is preferably a modular battery cell in which two or four batteries are integrally heat-shrunk and packaged with a heat-shrunk film. Therefore, the structures of the blister shell and other packaging shells can be unified into two types of packaging shells for assembling the modular battery unit with two batteries and the modular battery unit with four batteries, the cost can be reduced, the efficiency can be improved, the packaging is easy, and the packaged batteries aren't easy to rotate under the action of external force.

7. 101412510 COMPOSITE GRAPHITE FOR LITHIUM SECONDARY BATTERY AND MANUFACTURING METHOD THEREOF

CN - 22.04.2009

Int.Class C01B 31/04 Appl.No 200710163550.5 Applicant Panasonic Energy Taiwan Co., Ltd. Inventor Sutomi Mitsuji

The invention discloses composite graphite used for a lithium secondary battery and a production method thereof. The production method is as follows: spherical graphite is taken as a substrate, preheated by a heating mixing roll until the temperature of powder is between 55 and 85 DEG C, added with a clad material [a mixed liquid which consists of coal tar, maltha and liquid resin, and fully mixed; and the mixture is filled into a graphite container for macromolecular treatment, sent into a direct-fired cemented carbonized oven for carbonizing treatment, and subjected to screen stencil or airflow classification to obtain composite graphite powder. The production method simplifies the production procedure and saves the production cost; the product is taken as a cathode material of the lithium secondary battery, so that the lithium secondary battery has high initial charging and discharging efficiency and large discharge quantity.

8. 207651622 NICKEL -HYDROGEN BATTERY PACKAGE

CN - 24.07.2018

Int.Class H01M 10/30 Appl.No 201721637712.X Applicant PANASONIC ENERGY (WUXI) CO., LTD. Inventor WANG SHAN

The utility model provides a nickel -hydrogen battery package that heat dispersion is good, it includes metal casing, holds soft package of a plurality of units and circuit board in metal casing in the soft package of unit, ni -mh bare cell series connection more than 2 sections is tied up into soft package through the PVC sleeve pipe, and possess to the connector that soft package stretches out outward, two are lined up side by side to the soft package of a plurality of units on the horizontal direction, connect through respective connector circuit board is last, and form between mutually and establish ties or be parallelly connected, a serial communication port, nickel -hydrogen battery package is still including heat dissipation mechanism, heat dissipation mechanism possesses and is located two itemize between first soft package fresh air pipeline and set up in louvre on metal casing's the lateral wall.

9. 112573132 TURNOVER BACKFLOW DEVICE

CN - 30.03.2021

Int.Class B65G 37/02 Appl.No 201910938205.7 Applicant PANASONIC ENERGY (WUXI) CO., LTD. Inventor ZHANG LIMIN

The present invention provides a turnover backflow device. The turnover backflow device is used for enabling a jig with a battery to flow back in an overturning state after the jig with the battery is separated from the battery after a previous process is completed. The turnover backflow device is characterized by comprising a supply mechanism, a turnover sliding groove and a backflow mechanism, wherein the supply mechanism is used for separating the jig from the battery and supplying the separated jig to the turnover sliding groove, the turnover sliding groove is sequentially provided with an inlet, a first guide rail part, a turning part and an outlet from top to bottom, after sliding in from the inlet, the clamp slides downwards to the turning part through the first guide rail part, the sliding direction is changed through the turning part, overturning is conducted, and then the clamp continues to slide downwards to the outlet; and the backflow mechanism is used for enabling the clamp sliding out of the outlet to flow back to the upstream side of a production line in an overturning state, and cyclic utilization of the clamp in the production line is achieved. According to the turnover backflow device, automatic turnover and backflow of the clamp can be achieved through an extremely simple mechanism, the production efficiency is greatly improved, and the labor cost is reduced.

10. **101640256** INSULATED ISOLATION BODY FOR BATTERY, INSULATED ISOLATION STRUCTURE AND BATTERY USING SAME CN - 03.02.2010

Int.Class H01M 2/04 Appl.No 200910009615.X Applicant Panasonic Energy (Wuxi) Co., Ltd. Inventor Hang Daojin

The invention relates to an insulated isolation body (A) for a battery, which is characterized in that the insulated isolation body (A) comprises a substrate (1) and a convex plate (2) arranged on the upper surface of the substrate (1), wherein the center of the substrate (1) is provided with an open pore; the center of the convex plate (2) is provided with a communicating pore (C) which is coaxial with the open pore. The invention also relates to an insulated isolation structure for the battery and the battery; the insulated isolation structure for the battery comprises a battery shell body and an electrode terminal, which is characterized in that the electrode terminal is provided with the insulated isolation body for the battery, wherein the convex plate of the insulated isolation body faces to the interior of the battery; the inner lateral face of the convex plate is contacted with the outer lateral wall of the electrode terminal; and the substrate of the insulated isolation body is contacted with the shoulder part of the battery shell body. The insulated isolation structure for the battery not only can prevent short circuit of the electrode terminal and the battery shell body, but also can isolate corrosion caused by external moisture, gas and the like entering the battery.

