

# Lithium battery negative pressure sealing device

The invention belongs to the technical field of lithium ion battery manufacturing, and particularly discloses a lithium battery liquid injection hole structure and a liquid injection method thereof, wherein the lithium battery liquid injection hole structure comprises a shell, a baffle, a sealing piece and a blocking piece, and a first through hole is formed in the shell; the baffle is ...

10 ????&#0183; Do not attempt to puncture or press on the swollen battery. Place the device in a cool, dry area. If safe, remove the battery from the device. Dispose of the swollen battery at a hazardous waste facility. Taking actions quickly is critical due to the potential risks associated with swollen batteries.

As shown in Figure 1, a kind of lithium battery pressure-relief explosion-proof valve arrangement, comprise cover plate 1, the side of cover plate 1 offers a blast hole 2, the structure of blast hole 2 is oval, and the bottom of blast hole 2 is provided with one deck thin-walled rupture disk 3, and thin-walled rupture disk 3 and cover plate 1 are structure as a whole, there is good sealing ...

The invention provides a negative pressure formation method and a device for a soft package battery, wherein the negative pressure formation method for the soft package battery comprises the soft package battery with a liquid injection hole, and the method comprises the following specific steps: (1) placing the soft package battery into formation equipment, wherein ...

to ensure that the battery is good sealing, while controlling the button cell sealing contact in the process of the size of the amount of rebound to ensure that the same compression force. [5] II. BUTTON LITHIUM BATTERY MATERIAL SELECTION Lithium battery shell (cathode shell, negative cover) divided into three types: plastic shell, aluminum

The utility model relates to a lithium cell negative pressure sealing machine suitable for the sealing operation on the liquid injection port of a lithium cell. The sealing machine comprises a lithium cell positioning mechanism, a sliding sleeve, a sliding sleeve push-and-pull mechanism, a vacuum pump, a ball bearing propelling mechanism and a ball bearing impact mechanism, the ...

The invention discloses a sealing device and a sealing method of a soft package lithium battery cell. This sealing device of soft packet of lithium cell and sealing method thereof, when transport mechanism will accomplish the lithium cell of lamination rubberizing and carry to push mechanism"s below, synchronous cylinder drives the push plate and moves to the side of ...

The ton bag feeding station has dust suction port, and adopts mechanical and airbag double sealing, which has good sealing performance and is easy to operate. Experienced in positive and negative pressure pneumatic

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conveying, and has many cases of ...

The utility model discloses a lithium battery process sealing nail, which relates to the field of lithium battery production and comprises a negative pressure air bag; with negative...

The main function of the lithium battery sealer is to ensure the tightness of the battery. Through the sealing machine, the battery components and positive and negative electrode materials can be packaged in a stable container to avoid electrolyte leakage or external impurities into the battery interior, thus ensuring battery performance and safety.

The invention relates to the technical field of lithium ion battery manufacturing and particularly relates to a lithium ion battery sealing device. The lithium ion battery sealing device comprises a battery clamping mechanism and a steel ball pressing mechanism. The battery clamping mechanism mainly comprises a bottom plate, two side plates, a separation plate and a toggle ...

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