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Title: Patent for battery cabinet non-heat diffusion technology

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The present disclosure relates to a battery pack including two or more battery modules, and more specifically, to a battery pack having a thermal diffusion prevention structure that may ...

The battery pack according to the present invention can effectively block the spread of heat or fire generated from a specific battery module, and can be variously applied to automobiles or ...

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According to an aspect of the present invention, a thermal diffusion sheet that is disposed so as to oppose a battery cell included in a battery system and that diffuses heat generated by the ...

[0003] As the result of continuous research and development of a lithium secondary battery, it has been possible to manufacture and commercialize a lithium secondary ...

Scientists at PNNL developed this patent-pending, deflagration-prevention system for cabinet-style battery enclosures. IntelliVent is designed to intelligently open cabinet doors ...

In the case of a fire occurring in a battery cell, the present invention can quickly and accurately prevent flames from spreading from the battery cell where the fire has occurred.

A battery pack may include a plurality of battery modules, each of which includes a plurality of battery cells. Each battery cell may include a cathode, an anode, a separator, an active ...

The integrated design of the battery module heat dissipation and power conversion system (PCS) provides

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higher battery energy density, a stronger protection level, and better ...

The invention belongs to the technical field of battery cabinet main bodies, and particularly relates to an energy storage battery cabinet capable of preventing heat diffusion.

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