



Energy storage module appearance patent application

A kind of energy storage curtain wherein, comprises curtain body, flexible solar plate, jockey, energy-storage module and energy output module; Described flexible solar plate is fixed on the ...

An energy storage module includes a plurality of battery cells, each including a vent; a plurality of insulation spacers, at least one of the insulation spacers being located between long...

The utility model provides an energy storage device which comprises a battery module and a liquid cooling module. The battery module comprises a box body with an accommodating ...

(57) Disclosed is a connection structure for an energy storage module, which configures an electrical connection structure in an energy storage module that stores electric ...

The present invention has application in energy storage from renewable sources, in electricity rebalancing, as well as energy storage at balancing level between grids or between different ...

Tesla, Inc. Patent Applications and Registrations Patent applications and USPTO patent grants for Tesla, Inc..The latest application filed is for "system and method for ...

An energy storage cabinet comprises a housing, an energy storage module, and a battery management device. An accommodating space is defined in the housing, and the ...

The present disclosure is directed to an energy storage device using a combination of battery and ultra-capacitor storage components and having passive voltage control. An inductor is placed ...

10 2. Description of the Related Art [0002] An energy storage module may be linked with a renewal energy and power system, such as, for example, a solar cell, to store electric power ...

Latest LG Energy Solution, Ltd. Patents: Holder for Battery Cell and Battery Cell Assembly Comprising the Same Battery Pack and Vehicle Including the Same Battery Pack ...

Energy storage modules generally comprise a housing with component parts (5, 5", 6, 6") arranged therein. The component parts (5, 5", 6, 6") are in this case either capacitors, for example double ...

Description of the Related Art Energy storage modules on which a plurality of cylindrical energy storage apparatuses (for example, batteries) is mounted (see, for example, Patent Literature 1) ...



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Energy storage modules and energy storage cabinets Cross-references to related applications This application is filed based on a Chinese patent application with application number ...

An energy storage module, including a plurality of battery cells, generally demonstrates high-capacity, high-output characteristics, and research into technology for increasing the safety of ...

According to the above configuration, by allowing the cooling medium C to flow through the cooling member 20a, heat generated from the energy storage cell 10 is easily discharged ...

The energy storage module may be accommodated on one of the shelves, and a distance between the top cover of the energy storage module and another one of the shelves ...

This application claims the benefit under 35 U.S.C. Section 119 of Korean Patent Application Serial No. 10-2011-0073713, entitled "Energy Storage Module" filed on Jul. 25, 2011, which is ...

TECHNICAL FIELD The present disclosure relates to a battery module, and a battery pack and an energy storage system (ESS) including the same, and more specifically, to a battery module ...

The present disclosure generally relates to a new energy storage system based on the Dense Energy Ultra-Cell (DEUC technology. The Dielectric Energy Storage System (DESS) brings ...

2. Description of the Related Art An energy storage module, which includes multiple battery cells, generally exhibits high-capacity and high-output characteristics. The energy storage module ...

Recently, Tesla filed for a patent on a new "energy storage system" with a plate-based cooling system. Tesla describes the system in its ...

The utility model discloses an energy storage CCS module shell liquid cooling device, which comprises a plurality of electric cores and a busbar, wherein a shell cooling mechanism is ...

These circuits employ a multiplicity of solid state or triggered vacuum switches which quickly reconnect internal energy storage elements within the XRAM generator to reconfigure a circuit ...

Abstract: A gravitational energy storage system is provided that includes one or more tracks extending from a lower storage yard to an upper storage yard, a plurality of mass cars ...

This guide cracks open the black box of energy storage patent applications, serving engineers, startups, and clean tech visionaries ready to stake their claim in this ...

An energy storage system includes a module housing and multiple battery cells positioned inside the module

housing. Each of the battery cells has a first end and a second end. Further, each ...

The energy storage system further includes a pair of side brackets which are disposed in both sides of the first battery module and the second battery module, and fix a ...

US2019/033387A1 discloses an energy storage module, wherein a flexible substrate is provided as a single rectangular strip The flexprint comprises connector elements with conductor areas ...

1. An industrial automation controller module comprising: a main module comprising processor circuitry, volatile memory, and non-volatile memory, wherein said processor circuitry, volatile ...

The energy storage module comprises a coupling circuit (20) configured to selectively couple the energy storage module into the energy storage system, and a plurality of energy storage ...

The present invention provides novel designs and improved methods for the construction and operation of a gravity powered energy storage facility. This facility might also be called a ...

BRIEF DESCRIPTION OF DRAWINGS FIG. 1 is a schematic structural diagram of an energy storage system according to a first embodiment of this application; FIG. 2 is a ...

The appearance inspection apparatus 1000 may further include an input interface device 1040, an output interface device 1050, a storage device 1060, etc. Respective ...

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