

New energy battery collision protection device

By this way, when a truck of 49t hits the new energy bus with offset 30% at a speed of 30km/h, rear of the battery box will not be extruded. The collision energy is 80 times the standard for ...

The application discloses new energy vehicle battery simulation collision testing arrangement includes: body subassembly, clamping component, supporting component, upper frame, execution subassembly, collision subassembly and magnetism inhale the subassembly, body subassembly includes: support platen, guided way and direction spout, clamping assembly ...

A new energy and protective shell technology, applied in the direction of battery pack components, circuits, electrical components, etc., can solve the problems of poor safety and anti-collision effects, and achieve enhanced impact ...

A new energy vehicle, collision protection technology, applied in the direction of battery pack components, circuits, electrical components, etc., can solve the problems of battery pack ...

The utility model relates to a new energy automobile's battery package anti ability detection device that hits, including the device body, the upper end fixed mounting of device body has the determine module, and the one end demountable installation of determine module has the striking subassembly, and the upper end of device body articulates there is spacing subassembly, and ...

The invention provides a battery sudden unexpected collision self-response protection system of a new energy automobile, which is an automatic response protection system of a battery, wherein the automatic response protection system of the battery is formed by matching a data analysis module, a controller, a fixing module, a positioning sensor, a data analysis module, a radar ...

The invention relates to the technical field of new energy vehicles and discloses a new energy vehicle collision battery anti-combustion device. Through car collision extrusion connecting block, the movable rod removes and promotes the baffle and remove, and the rack removes and drives the montant through the fixed plate and moves down, and the montant ...

The invention discloses a collision protection system and a collision protection method of a new energy automobile anti-collision battery, wherein the collision protection system comprises the following components: the battery system comprises a BMS module, a battery matrix control unit, a collision sensor unit and a MOSFET, wherein a main control module in the BMS module is ...

A new energy vehicle, collision protection technology, applied in battery pack parts, circuits, electrical

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components, etc., can solve the problems of tilting and swinging of the car battery, unable to ensure the stability of the car battery, unstable terminal connection, etc. Stability, ensuring balance, preventing falling effect

The application can provide an extra physical barrier to protect the battery pack from external impact, vibration and environmental factors, and can effectively reduce or prevent potential...

The invention discloses a battery pack anti-collision reinforcing structure for a new energy automobile, and belongs to the technical field of new energy automobiles. A battery pack anti-collision reinforcing structure for a new energy automobile comprises a protection box and a battery body which is slidably connected in the protection box, wherein a trigger airbag is ...

Highlights in Science, Engineering and Technology ESAET 2023 Volume 50 (2023) 336 3. New energy vehicle development prospects and analysis 3.1. Improve the quality of battery production and reduce ...

Aimed at this issue, a car battery protection device based on torsion spring has been designed. The car battery protection device can deform in a particular pattern in a ...

A battery assembly and transfer device technology, applied in the direction of transportation and packaging, multi-axis trolleys, trolleys, etc., can solve the problems that the size of the inner wall of the transfer device cannot be adjusted according to needs, cannot meet the needs of use, and battery collisions, etc., to achieve stable rotation, avoid offset, avoid collision effect

An anti-collision and new energy technology, which is applied in the direction of battery pack parts, circuits, electrical components, etc., to achieve the effects of strong practicability, prevention of deflagration and fire, and convenient and quick use

The invention discloses a new energy automobile battery with a collision protection function, which comprises a battery main body, wherein a horizontally arranged mounting plate is...

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