

Patent for automobile braking power generation and energy storage device

The embodiment of the invention provides an automobile braking energy recovery device and an energy-saving automobile, wherein the automobile braking energy recovery device comprises ...

A technology of brake body and brake spine, which is applied to the arrangement of multiple different prime movers of power units, pneumatic power units, and general power units, can ...

The invention relates to a storage using vehicle braking energy. The storage is sequentially connected through an automobile transmission shaft, a frictionclutch, a ratchet gearing, an ...

The automobile braking energy recycling device can convert heat energy generated due to kinetic energy during automobile braking into electric energy and recycle the electric energy into a ...

The automobile braking energy recovering device realizes power generation by utilizing an engine deceleration brake signal to activate a starting switch of the engine and utilizing the generator ...

The present invention discloses a kind of automatically controlled 4 wheel driven braking automobile energy storage device of variable speed and its energy storage method, by the way ...

A power generation device and kinetic energy recovery technology, which is applied to railway braking systems, electromechanical devices, railway car body parts, etc., can solve problems ...

The invention provides a device for power generation through braking. The device comprises a shell, conical wheels, more than two groups of shuttle-shaped wheels, driving wheel devices, a ...

The utility model relates to a device for braking and electricity generation of an electric bicycle, the utility model is mainly composed of a main body of a device for electricity generation (1), a right ...

The invention relates to an automobile braking energy recovery slowing method and a system thereof, which utilizes the braking energy recovery of the automobile retarder/runner to ...

A technology of automobile braking and energy storage device, which is applied in the direction of transmission, transmission control, transmission parts, etc., can solve problems such as ...

The present invention relates to the field of new energy automobile braking systems, and in particular to a bypass energy storage device for an electronically controlled hydraulic braking ...



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Problems solved by technology [0005] This application provides a braking energy recovery method, device, equipment, storage medium and program product to solve the problem that ...

Abstract The invention provides a device and method for recycling automobile braking energy, belonging to the technical field of automobile energy conservation and emission reduction. ...

Problems solved by technology [0005] The solution of the present invention is aimed at the problem that a large amount of braking energy will be wasted during frequent or long-term ...

The invention belongs to the technical field of automobile energy-saving equipment, and relates to a regenerative braking energy storage device for an electric ...

A technology for power generation devices and automobile brakes, which is applied in the direction of electromechanical devices, circuit devices, battery circuit devices, etc., can solve ...

The invention relates to the technical field of automobile energy recovery, in particular to an automatic electric automobile charging device utilizing braking kinetic energy, which comprises ...

Braking force generated by electricity generation of the electric generator and braking force generated after the torsion rod spring is loaded to absorb mechanical energy are different from ...

The invention provides a device and method for recycling automobile braking energy, belonging to the technical field of automobile energy conservation and emission reduction.

The invention relates to the field of braking energy recovery, and discloses a method, a system, computer equipment and a storage medium for recovering braking energy, which comprise the ...

The automobile power-generation braking system solves the problem of energy conversion of moving automobiles when in speed reducing or braking, and makes up for the disadvantages ...

The utility model relates to a kind of automatic energy storage device for automobile pneumatic braking, comprises air receiver, power supply, exhaust brake switch, exhaust brake valve, ...

A technology of automobile braking and energy recovery, which is applied to measuring devices, transportation and packaging, electric vehicles, etc., can solve the problems of high ...

The present invention provides a kind of braking self power generation oil electric mixed dynamic energy-saving automobile, including engine, and the engine output shaft is provided with ...

The invention relates generally to a vehicle mounted device for generating electrical energy from wind

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experienced during periods of deceleration and rest. The device makes use of a ...

Abstract: The braking control device includes a determination unit configured to determine whether a vehicle is in a stopped state; a setting unit configured to set a vehicle stop ...

A vehicle powered by an electric motor linked by a first clutch to a first shaft of a gear box, with a generator linked by a second clutch to a second shaft of the gear box, with the gear box linked ...

The invention discloses a braking power generation method of retarder for the recovery of automobile braking energy and the system. The method is that the braking device of retarder is ...

The electricity generation energy dissipation braking type automobile retarder can be arranged at the output shaft end of a speed changing device, or between transmission shafts or at the input ...

The utility model discloses an automobile electromagnetic brake power generation system which is based on an electromagnetic theory and a traditional brake theory. The system comprises a ...

The invention relates to an energy storage and release system for power traction and regenerative braking of a high-speed motor train unit. The external charging circuit inputs the ...

For achieving the above object, technical solution of the present utility model is: a kind of automobile brake power generation assembly, comprise wheel and wheel shaft, it is ...

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