

REGENERATIVE BRAKE SYSTEM

ABSTRACT OF THE DISCLOSURE

A regenerative brake system using regenerative braking that applies braking to a vehicle while recovering kinetic energy of the vehicle by operating an electric motor that causes the vehicle to travel along a travel path as a generator
5 includes a battery mounted on the vehicle, a vehicle-side power transmitting unit that is mounted on the vehicle and transmits electric power generated by the electric motor by way of way of the regenerative braking when the vehicle travels down a slope of the travel path, a travel path-side power receiving unit that is
10 installed in the slope and receives the electric power transmitted from the vehicle-side power transmitting unit, and a power storage device that is connected to the travel path-side power receiving unit and stores the electric power received by the travel path-side power receiving unit.

Fig. 2