

ABSTRACT

A train traction rescue method is provided. In the method, a conventional high-voltage device and traction system is kept unchanged, an operation principle of a train traction
5 converter is fully utilized, and a battery-powered device is added in an intermediate direct current link of the traction converter, and electrical energy stored in a power battery pack is used to drive the train with a catenary power supply failure to travel away from a current faulty location under an emergency driving condition, thereby improving safety of the train, and ensuring life safety of travelers and a normal operation of the train, and providing the travelers
10 with a better travelling experience. A train traction rescue system which may implement the train traction rescue method is further provided according to the present disclosure, which has the above beneficial effects.

Figure 1