

ABSTRACT

METHOD, SYSTEM AND APPARATUS FOR DETERMINING REAL-TIME RUNNING SPEED OF TRAIN

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A method for determining a real-time running speed of a train is provided. The determination method integrates a rotation speed of a traction motor obtained from a traction unit, an axle speed of a target axle obtained from a braking control unit, and a real-time running speed of a train provided by a GPS and uses the above parameters from different
10 sources to provide different schemes for different actual train running speeds. By using the multiple sources of the parameters, and by eliminating a high-speed delay with a speed measured by a GPS in a high-speed running state, a more accurate real-time running speed of the train can be obtained, which facilitates subsequent intelligent control of the train. A system, an apparatus and a computer readable storage medium for determining a real-time running
15 speed of a train are also provided with the same advantageous effect.

FIG. 1