

ABSTRACT

VEHICLE BRAKING METHOD AND DEVICE, AND TRAIN

A vehicle braking method and device (200), and a train. The braking method comprises: obtaining the distance between a vehicle and a front vehicle (101); providing an alarm if the distance is smaller than or equal to a first threshold (102); receiving a first braking instruction triggered by a user, and braking the vehicle at a first preset deceleration according to the first braking instruction, wherein the first threshold is obtained according to the sum of a target idling stopping distance and an emergency braking distance, the target idling stopping distance is obtained according to at least one of a first idling stopping distance and a second idling stopping distance, the first idling stopping distance is the traveling distance of the vehicle in the process of obtaining the distance between the vehicle and the front vehicle, the second idling stopping distance is the traveling distance of the vehicle in the process of the user triggering the first braking instruction, and the emergency braking distance is the traveling distance for braking the vehicle at the first preset deceleration (103). The beneficial effects are that: a braking threshold is determined by considering the distance measuring capacity and the braking performance of a train, the rear-end collision risk with a front vehicle can be effectively reduced, and the running safety of the train is improved.

Figure 1