

ABSTRACT

The present application discloses a train position correcting method, an apparatus, a device, and a medium relating to the field of rail transit technology. The train position correcting method includes: identifying perception tags disposed on the ballast of the running track of the train by a perception device installed on the train; matching the first feature information of the currently identified perception tag with the feature information of multiple perception tag combinations in a partial offline semantic map; in a case where only one perception tag combination in the partial offline semantic map matches the first feature information, determining the first position of the train based on the position of the first perception tag identified by the perception device, the first perception tag is any one of the perception tags in the first perception tag combination in the partial offline semantic map that matches the first feature information; and correcting the current position of the train to the first position. According to the scheme disclosed in the application, train operation safety can be improved.

Fig. 1