

ABSTRACT

TRAIN CONTROL SYSTEM, ON-VEHICLE DEVICE, AND WAYSIDE DEVICE

To detect a position of a train, during a commercial operation of the train, on-vehicle device for train protection(101) compares information acquired from sensors(102,103,400,401) in a first mode and during a stop of the train after the commercial operation ends, the other device compares the information acquired from the sensors(102,103,400,401) in a second mode different from the first mode. As a result, a power supply of the on-vehicle device for train protection(101) can be turned off after the commercial operation ends and consumption power can be reduced.

(Figure 4)

vehicle based on the position information of the vehicle,
the wayside device(105) comprising:

a first mode in which the on-vehicle control
unit(101) receives the position information calculated
based on a detection result from the
sensor(102,103,400,401); and

a second mode in which the on-vehicle device
interrupts feeding to the on-vehicle control unit(101) and
the wayside device(105) receives the detection result from
the sensor(102,103,400,401) and calculates the position
information.