SIGNAL SAFETY METHOD, SIGNAL SAFETY APPARATUS AND SIGNAL SAFETY SYSTEM

ABSTRACT OF THE DISCLOSURE

In order to propose a method of promptly judging movement of a train between block sections with a minimum number of transponders, an on-ground train control part for controlling operation of a train; an on-ground communication means capable of performing communication of information by coming within a specified range; and a sending-and-receiving part capable of sending the information received by the on-ground communication device to the on-ground train control part and receiving the information sent from the on-ground train control part, are provided, thereby, a position of presence of train is grasped by receiving a speed of the train using the on-ground communication means when the on-train communication means attached to the train comes near.

Figure 1