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ABSTRACT

A train presence apparatus 1 of the present invention includes an information acquisition unit (3) to acquire position information on a first end point (P1) and a second
5 end point (P2) located in a first line section (L1) formed in a loop and virtual block presence/absence information indicating whether a virtual block (VB) indicating a specific position in the first line section (L1) is included in a designated section that is any of a first
10 section (A1) and a second section (A2) in which the first end point (P1) and the second end point (P2) are located at both ends; a designated section determination unit (4) to determine which of the first section (A1) and the second section (A2) is the designated section based on the
15 position information on the first end point (P1) and the second end point (P2) and the virtual block presence/absence information acquired by the information acquisition unit (3); and a presence determination unit (5) to determine whether a train (20) is present in the
20 designated section determined by the designated section determination unit (4).