Title (en)

METHOD FOR IMPLEMENTING AUTOMATIC RAILWAY TRAFFIC, AND RAILWAY TRAFFIC SYSTEM FOR IMPLEMENTING AUTOMATIC RAILWAY TRAFFIC

Title (de)

VERFAHREN ZUM DURCHFÜHREN EINES AUTOMATISCHEN ZUGVERKEHRS UND ZUGVERKEHRSSYSTEM ZUM DURCHFÜHREN EINES AUTOMATISCHEN ZUGVERKEHRS

Title (fr)

PROCÉDÉ POUR FAIRE CIRCULER DES TRAINS AUTOMATIQUEMENT ET SYSTÈME DE CIRCULATION DE TRAINS DESTINÉ À FAIRE CIRCULER DES TRAINS AUTOMATIQUEMENT

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Application

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Abstract (en)

[origin: WO2016078871A1] The invention relates to a method for implementing automatic railway traffic using automatic train control and train protection by means of data communication between an on-board device on a train and a track-side device (8). In order to develop said type of method is such a way that (as many) locomotive-operated trains (as possible) can travel along with automatic trains without notably reducing traffic efficiency for the automatic trains, when a locomotive-operated train (5) is used, upon transmission of a position signal (P) designating the front position of the locomotive (6) of the locomotive-operated train (5), the track-side device (8), after receiving a position signal (P), assigns a deletable front traffic restriction tag (S2) to the locomotive (6), such that the portions of a track section (3) that are located in front of the traffic restriction tag (S2) are treated as being occupied, said track section (3) being used by the locomotive-operated train (5) and being reported as being occupied, and the front traffic tag (S2) is deleted while the locomotive-operated train (5) is allowed to continue its course if the subsequent track section (2) is free when the locomotive (6) arrives at the boundary of track section (3). The invention also relates to a railway traffic system for implementing automatic railway traffic.

IPC 8 full level

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