

Title (en)

SAFETY METHOD AND SAFETY SYSTEM FOR A RAILWAY NETWORK

Title (de)

SICHERUNGSVERFAHREN UND SICHERUNGSSYSTEM FÜR EIN GLEISSTRECKENNETZ

Title (fr)

PROCÉDÉ DE SÉCURISATION ET SYSTÈME DE SÉCURISATION POUR RÉSEAU DE VOIES FERRÉES

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Application

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Abstract (en)

[origin: WO2017055023A1] The invention relates to a safety method for a railway network, which is divided into section segments (G1, G2,..., Gq) by means of section elements (S1, S2,..., Sp) and which can be traveled by vehicles (Z1, Z2,..., Zr) in accordance with data of components of a section atlas, wherein the vehicles (Z1, Z2,..., Zr) request steps (B, R, M) for allocation as a track element from selected section elements and wherein each (Si with i = 1 to p) of the selected section elements autonomously allocates itself as a track element under specified conditions for each vehicle (Zm with m = 1 to r) that requests the steps for allocation as a track element from said section element. In order to be able to inform the vehicle or the vehicle operators thereof about changed section characteristics better and more quickly, according to the invention, for the section elements (Si with i = 1 to p), the vehicles (Z1, Z2,..., Zr) store manually entered and/or manually released dynamic driving operation data (Dd1, Dd2,..., Ddp) as a dynamic component (Kdyn) of the section atlas (SA) in parts (Dd(Kdyn)1, Dd(Kdyn)2,..., Dd(Kdyn)p) related to the section elements. The invention also relates to a safety system for a railway network.

IPC 8 full level

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