Title (en)

SAFETY METHOD FOR A RAILWAY NETWORK

Title (de)

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Title (fr)

PROCÉDÉ DE SÉCURISATION D'UN RÉSEAU DE VOIES FERRÉES

Publication

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Application

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Abstract (en)

[origin: WO2017055032A1] The invention relates to a safety method for a railway network (1) which is divided into track segments (G1, G2, ..., Gq) by track elements (S1, S2, ..., Sp) and can be traveled by vehicles (Z1, Z2, ..., Zr), in which method the vehicles (Z1, Z2, ..., Zr) request steps (B, R, M), from selections of the track elements, for assignment as a travel path element, and in which method each (Si, where i = 1 to p) of the selected track elements automatically assigns itself as a travel path element for each vehicle (Zm, where m = 1 to r) that requests the steps for assignment as a travel path element, under predetermined conditions. For temporal optimization of the assignment of the track elements as travel path elements, the respective track element automatically assigns itself to the respective vehicle, in that in reaction to a first request (ABZmSi, where m = 1 to r and i = 1 to p) of the respective vehicle (Zm, where m = 1 to r) in a demand type (F1; F2; F3; F4; f1; f2) requested by the respective vehicle, the track element carries out its approval (B) as a travel path element for the respective vehicle (Zm, where m = 1 to r); in reaction to a second request (ARZmSi, where m = 1 to r and i = 1 to p) of the respective vehicle (Zm, where m = 1 to r), the track element carries out its registration (R) as a travel path element for the respective vehicle; and in reaction to a third request (AMZmSi, where m = 1 to r and i = 1 to p) of the respective vehicle (Zm, where m = 1 to r), the track element carries out its marking (M) as a travel path element for the respective vehicle.

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