

Title (en)
PROTECTION METHOD AND PROTECTION SYSTEM FOR A RAIL NETWORK

Title (de)
SICHERUNGSVERFAHREN UND SICHERUNGSSYSTEM FÜR EIN GLEISSTRECKENNETZ

Title (fr)
PROCÉDÉ DE SÉCURISATION ET SYSTÈME DE SÉCURISATION D'UN RÉSEAU DE VOIES FERRÉES

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Application
EP 16766506 A 20160907

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Abstract (en)
[origin: WO2017055033A1] The invention relates to a protection method for a rail network (1) which is divided by track elements (S1, S2,..., Sp) into track sections (G1, G2,..., Gq) and on which vehicles (Z1, Z2,..., Zr) can travel, in which the vehicles (Z1, Z2,..., Zr) request, from selected track elements, steps (B, R, M) for assignment as a route element, and in which each of the selected track elements (Si where i = 1 to p) is respectively automatically assigned as a route element, under predefined conditions, for each vehicle (Zm mit m = 1 to r) which requests the steps for assignment as a route element to it, and outputs an assignment confirmation (QMm, i where m = 1 to r and i = 1 to p) to the respective vehicle. For the sake of better protection of construction work and/or maintenance work in the hazardous area of the rail network there is provision that at least one (S5) of the track elements forms, after its integration into the rail network (1), a working zone (AZ) and does not output the assignment confirmation (QMm, 5 where m = 1 to r) for the respective vehicle (Zm where m = 1 to r) until after the inputting of an assignment release (Fm, 5 where m = 1 to r), wherein the at least one track element (S5) is prepared for release with means (MF5) by means of which the assignment release (Fm, 5 where m = 1 to r) is input manually. The invention also relates to a protection system for a rail network.

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