

Title (en)

AUTOMATIC MANAGEMENT SYSTEM OF MOVEMENT OF AT LEAST ONE VEHICLE ON A TRAFFIC LINE

Title (de)

AUTOMATISCHES VERWALTUNGSSYSTEM FÜR DIE BEWEGUNG VON MINDESTENS EINEM FAHRZEUG AUF EINER FAHRBAHN

Title (fr)

SYSTEME DE GESTION AUTOMATIQUE DU DEPLACEMENT D'AU MOINS UN VEHICULE SUR UNE LIGNE DE CIRCULATION

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Application

EP 07731347 A 20070424

Priority

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Abstract (en)

[origin: WO2007128900A1] The present invention relates to automatic management systems of the movement of at least one vehicle 1 ... on a traffic line 4. The system according to the invention is essentially characterised in that it comprises central automatic processing means 10 of data used to manage the movement of the vehicle 1 on the line 4, a plurality of primary radio transmitter-receiver terminals 21, 22, 23, 24 arranged along the line 4 and equidistant with respect to each other by a distance L_t , the terminals 21, 22, 23, 24, ... all having the same transmission and reception lobe 121, 122, 123, 124, ..., each terminal being arranged along the traffic line 4 such that the length L_o which is covered by its transmission lobe is between L_t and $2L_t$, means 30 to connect the terminals 21, 22, 23, 24, ... to the means 10, means 60 to produce representative signals of the vehicle status on-board the vehicle, automatic processing means 40 on-board the vehicle suitable for processing the representative signals of the vehicle status, and radio transmitter-receiver communication means 50 on-board the vehicle arranged such that the means 40 always communicate with at least two terminals 21, 22, 23, 24, ... when the vehicle moves on the line 4. Application particularly to the automatic management of the movement of underground rail car sets.

IPC 8 full level

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