

Title (en)

TRAFFIC CONTROL SYSTEM TO CONTROL OPERATIONS AND TRAFFIC FLOW IN RAIL TRANSPORT

Title (de)

VERKEHRSLEITEINRICHTUNG ZUR STEUERUNG DES FAHRBETRIEBES UND DES VERKEHRSABLAUFES FÜR DEN SCHIENENGEBUNDENEN VERKEHR

Title (fr)

SYSTEME PERMETTANT DE PILOTER LE FONCTIONNEMENT ET L'ECOULEMENT DU TRAFIC FERROVIAIRE

Publication

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Application

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Abstract (en)

[origin: WO9507832A1] The invention relates to a traffic control system to ensure the safety of trains and sections in rail transport using traffic logistics data. In the traffic control system of the invention, a hierarchical computer system acquires all data relating to safety and other factors. There is a vehicle computer aboard every vehicle which is connected to the other vehicle computers, section installations and the overriding control computer and the master computer, preferably via a radio-supported computer network. The necessary actions for securing the section and safe running are derived from the data provided for the locomotive driver at his/her post. This traffic control system is especially suitable for the complex and economical running of rail traffic on single-track sections and for regional traffic.

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