

Title (en)

METHOD FOR OPERATING A TRAIN CONTROL SYSTEM AND TRAIN CONTROL SYSTEM

Title (de)

VERFAHREN ZUM BETREIBEN EINES ZUGBEEINFLUSSUNGSSYSTEMS UND ZUGBEEINFLUSSUNGSSYSTEM

Title (fr)

PROCÉDÉ D'EXPLOITATION D'UN SYSTÈME DE COMMANDE AUTOMATIQUE DE LA MARCHE D'UN TRAIN ET SYSTÈME DE COMMANDE AUTOMATIQUE DE LA MARCHE D'UN TRAIN

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Application

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Abstract (en)

[origin: WO2015028315A1] The invention relates to a method for operating a train control system for a section having section block segments (A-B, B-C, C-D, D-E), which method can be performed with comparatively little device complexity on the section block segments. According to the invention point-wise data transmission occurs between a respective section apparatus having a section-side radio apparatus (22) at each of the ends of the section block segments (A-B, B-C, C-D, D-E) and a vehicle device having a vehicle-device-side radio apparatus. At data points (e.g., 20) at the ends of the section block segments (A-B, B-C, C-D, D-E), the vehicle device activates respective address data of the signal (e.g., C) of the respective next section block segment (e.g., B-C) and section data of the respective next section block segment but one (e.g., C-D) and respective storage data in the form of a stored complete set of telegrams that indicate the possible states of the signal (e.g., C) at the respective end of the next section block segment (e.g., B-C). After each data point (e.g., 20) is passed, the vehicle device sends a transmission request (Sc) to the section-side radio apparatus (e.g., 22) at the end of the next section block segment (e.g., B-C), where secured information (Jc) of the respective signal aspect indicated on the signal (e.g., C) of said section block segment (e.g., B-C) is held ready by an information apparatus (23). Said secured information (Jc) is sent by the section-side radio apparatus (22) to the vehicle device by means of the device-side radio apparatus in order to select a current telegram in the vehicle device on the basis of the storage data by means of said secured information. The invention further relates to a train control system.

IPC 8 full level

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