

Title (en)

METHOD AND DEVICE FOR SENDING TEMPORARY SPEED RESTRICTION COMMAND IN C3 SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SENDEN EINES TEMPORÄREN GESCHWINDIGKEITSBEGRENZUNGSBEFEHLS IN EINEM C3-SYSTEM

Title (fr)

PROCÉDÉ ET DISPOSITIF D'ENVOI DE COMMANDE DE RESTRICTION DE VITESSE PROVISOIRE DANS UN SYSTÈME C3

Publication

**EP 2746130 A1 20140625 (EN)**

Application

**EP 12785365 A 20120516**

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Abstract (en)

The present invention provides a method and a device for sending temporary speed restriction command in C3 system. The method comprises: a TSRS receives a temporary speed restriction command issued by a CTC; the TSRS, according to the speed restriction zone starting point, the speed restriction zone end point, and the jurisdiction of each speed restriction of each TCC and/or RBC on the railway line corresponding to the line number, automatically splits, and then sends a corresponding temporary speed restriction command to the related TCC and/or RBC, and the TCC sends the C2 speed restriction information to a C2 onboard device via an active transponder, and the RBC sends the C3 speed restriction information via a GSM-R. Through setting a TSRS in a railway system and connecting the TSRS to the CTC to obtain a temporary speed restriction command, and distribute the temporary speed restriction command to related TCC, RBC, so as to realize automatic distribution of each TCC, RBC and a centralized management train control speed restriction command within a full-line management and control range; through the TSRS, C2 and C3 speed restriction commands can be set and cancelled simultaneously, so as to guarantee consistency of two train control modes.

IPC 8 full level

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Cited by

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