

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 B1 20201007 (EN)**

Application

**EP 12785365 A 20120516**

Priority

- CN 201110125309 A 20110516
- CN 2012075574 W 20120516

Abstract (en)

[origin: EP2746130A1] 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

**B61L 3/12** (2006.01); **B61L 15/00** (2006.01); **B61L 27/00** (2006.01); **H04L 29/08** (2006.01)

CPC (source: EP)

**B61L 3/121** (2013.01); **B61L 15/0027** (2013.01); **B61L 27/20** (2022.01); **B61L 2027/202** (2022.01)

Cited by

CN110588730A; CN114584475A; EP3838709A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2746130 A1 20140625**; **EP 2746130 A4 20160420**; **EP 2746130 B1 20201007**; CN 102267477 A 20111207; CN 102267477 B 20130327; HU E053041 T2 20210628; RS 60978 B1 20201130; WO 2012155843 A1 20121122

DOCDB simple family (application)

**EP 12785365 A 20120516**; CN 201110125309 A 20110516; CN 2012075574 W 20120516; HU E12785365 A 20120516; RS P20201284 A 20120516