

Title (en)

Train control process and system, especially of the ERTMS type

Title (de)

Zugsicherungsverfahren und -system, speziell des Typs ERTMS

Title (fr)

Dispositif et procédé de commande de trains, notamment du type ERTMS

Publication

EP 1498338 A1 20050119 (FR)

Application

EP 04291322 A 20040525

Priority

FR 0307835 A 20030627

Abstract (en)

The device has a reader (8) and a detector (10) to acquire a speed of a train (62). A calculation unit has a module to determine a stopping distance of the train according to the speed and a rate of deceleration of the train. A computer (12) provides a control variable of a movement of a following train (61) corresponding to a condition prescribed from localization instruction provided by the calculation unit. An independent claim is also included for a method for controlling a European rail traffic management system (ERTMS).

Abstract (fr)

L'invention concerne un dispositif et un procédé de commande de trains, dans lesquels on acquiert la localisation et la vitesse d'un train sur une ligne. Une prescription de localisation est produite en fonction de l'acquisition, pour fournir une grandeur de commande de déplacement du train. Suivant l'invention, on détermine une distance de freinage du train précédent et la grandeur de commande est calculée sur la base de la prescription (LOA) de localisation plus la distance de freinage calculée. Application notamment aux systèmes ERTMS/ETCS. <IMAGE>

IPC 1-7

B61L 27/00; **B61L 23/34**

IPC 8 full level

B61L 23/34 (2006.01); **B61L 27/00** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

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