

Title (en)

METHOD AND DEVICE FOR TRAIN SEQUENCE PROTECTION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ZUGFOLGESICHERUNG

Title (fr)

PROCEDE ET DISPOSITIF DE SECURISATION DE LA SUCCESSION DE TRAINS

Publication

EP 1973770 A1 20081001 (DE)

Application

EP 07703649 A 20070104

Priority

- EP 2007050089 W 20070104
- DE 102006002607 A 20060116

Abstract (en)

[origin: WO2007082799A1] The invention relates to a method for train sequence protection in which a bidirectional transmission of data between a control centre and all the trains located on an assigned monitoring section is provided, and a corresponding device. In order to be able to dispense with track-end devices, in particular signals and track clear signalling devices, there is provision for reference location data according to the timetable and reference time data according to the timetable to be compared at the control centre with actual location data and actual time data of the trains, and when they do not correspond the timetable of at least one train is adjusted in such a way that a predefined minimum distance between the trains is maintained.

IPC 8 full level

B61L 27/00 (2006.01); **B61L 25/02** (2006.01)

CPC (source: EP KR)

B61L 15/0027 (2013.01 - EP); **B61L 25/025** (2013.01 - EP); **B61L 25/04** (2013.01 - KR); **B61L 27/14** (2022.01 - EP); **B61L 27/20** (2022.01 - EP); **B61L 27/40** (2022.01 - EP)

Citation (search report)

See references of WO 2007082799A1

Cited by

CN101973291A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102006002607 A1 20070719; **DE 102006002607 B4 20071227**; BR PI0706562 A2 20110329; CN 101370698 A 20090218; EP 1973770 A1 20081001; KR 20080085912 A 20080924; NO 20083430 L 20080805; TW 200800702 A 20080101; WO 2007082799 A1 20070726

DOCDB simple family (application)

DE 102006002607 A 20060116; BR PI0706562 A 20070104; CN 200780002476 A 20070104; EP 07703649 A 20070104; EP 2007050089 W 20070104; KR 20087019790 A 20080812; NO 20083430 A 20080805; TW 96101184 A 20070112