

Title (en)

METHOD FOR VISUALIZING TRACK OCCUPATION

Title (de)

VERFAHREN ZUR VISUALISIERUNG DER GLEISBELEGUNG

Title (fr)

PROCÉDÉ DE VISUALISATION DE L'OCCUPATION D'UNE VOIE

Publication

EP 2616306 A1 20130724 (DE)

Application

EP 11757230 A 20110905

Priority

- DE 102010045461 A 20100914
- EP 2011065250 W 20110905

Abstract (en)

[origin: WO2012034878A1] The invention relates to a method for visualizing the track occupation in a train movement tracking and/or planning system for railway safety equipment for at least one train on the basis of a time-distance line diagram (TDL diagram) which is produced as computer graphics. According to the invention, in order to enable potential train routing collisions which are due to delays to be detected, the distance is displayed graphically as a function of time and of a further coordinate, characterizing a delay time, in a three-dimensional coordinate system.

IPC 8 full level

B61L 25/02 (2006.01)

CPC (source: EP US)

B61L 21/06 (2013.01 - EP US); **B61L 25/02** (2013.01 - US); **B61L 25/025** (2013.01 - EP US); **B61L 25/08** (2013.01 - EP US); **B61L 27/14** (2022.01 - EP US)

Citation (search report)

See references of WO 2012034878A1

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)

DE 102010045461 A1 20120315; CN 103097227 A 20130508; CN 103097227 B 20160323; DK 2616306 T3 20170918; EP 2616306 A1 20130724; EP 2616306 B1 20170628; ES 2641297 T3 20171108; US 2013168504 A1 20130704; US 8662454 B2 20140304; WO 2012034878 A1 20120322

DOCDB simple family (application)

DE 102010045461 A 20100914; CN 201180043929 A 20110905; DK 11757230 T 20110905; EP 11757230 A 20110905; EP 2011065250 W 20110905; ES 11757230 T 20110905; US 201113822457 A 20110905