

Title (en)

Method and device for generating and editing a railway signal diagram

Title (de)

Verfahren und Vorrichtung zum Erzeugen und zur Ausgabe eines Eisenbahnsignalschemas

Title (fr)

Procédé et dispositif de génération et d'édition d'un schéma de signalisation ferroviaire

Publication

EP 2428426 B1 20130501 (FR)

Application

EP 11306133 A 20110912

Priority

FR 1057256 A 20100913

Abstract (en)

[origin: EP2428426A1] The method involves inputting topological data (102) such as altitude difference, of a portion of a railway system by a user, and automatically generating a track model (104) of the portion of the railway system by a calculation unit using the data. A set of rules for positioning a track equipment e.g. signaling light, to be placed on the track model, is chosen (106) by the user. A chosen rule executing order is chosen (108) by the user. A railway signal diagram of the portion of the railway system is generated (110) by the calculation unit using the positioning rules and the track model. An independent claim is also included for a device for generating and editing a railway signal diagram, comprising a database.

IPC 8 full level

B61L 19/06 (2006.01); **B61L 21/04** (2006.01); **B61L 27/00** (2006.01)

CPC (source: EP US)

B61L 19/06 (2013.01 - EP US); **B61L 21/04** (2013.01 - EP US); **B61L 27/60** (2022.01 - EP US)

Cited by

CN102887159A; CN110450825A; CN110920697A; CN105835912A

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 2428426 A1 20120314; **EP 2428426 B1 20130501**; AU 2011223999 A1 20120329; AU 2011223999 B2 20160714; BR PI1106924 A2 20130122; BR PI1106924 A8 20160531; ES 2422561 T3 20130912; FR 2964635 A1 20120316; FR 2964635 B1 20140103; US 2012234986 A1 20120920; US 8781803 B2 20140715

DOCDB simple family (application)

EP 11306133 A 20110912; AU 2011223999 A 20110912; BR PI1106924 A 20110912; ES 11306133 T 20110912; FR 1057256 A 20100913; US 201113231531 A 20110913