

Title (en)

METHOD FOR ENSURING THAT A SECTION BLOCK OF A RAILWAY SECTION IS FREE OF THE LAST UNIT OF A TRAIN

Title (de)

VERFAHREN ZUR SICHERSTELLUNG, DASS EIN STRECKENBLOCK EINER EISENBAHNSTRECKE FREI VON DER LETZTEN EINHEIT EINES ZUGES IST

Title (fr)

PROCÉDÉ POUR GARANTIR QU'UN BLOC DE VOIE D'UNE LIGNE FERROVIAIRE EST LIBRE DE LA DERNIÈRE UNITÉ D'UN TRAIN

Publication

**EP 3684670 A1 20200729 (DE)**

Application

**EP 18773996 A 20180920**

Priority

- CH 11632017 A 20170921
- EP 2018075476 W 20180920

Abstract (en)

[origin: WO2019057823A1] The invention relates to a method for ensuring that a section block (11, 13) of a railway section is free of the last unit (19) of a train (17), wherein each train travelling into the section block (11) is equipped with at least one train terminal (OTU – On Train Unit) (21) at the end of the train (19), defined by the direction of travel of the train (17), which OTU (21) is used for the periodic position detection of the train. The method comprises the following method steps: a) at least one polygon (23, 25), which is defined by a plurality of geo-data, for each section block (11, 13) is stored in the OTU (21). b) The respectively travelled polygon (23, 25) is registered at least once by the OTU (21) by means of GNSS. c) The OTU (21) sends the identification of the respectively travelled polygon (23, 25) at least once to an electronic data processing system for evaluation.

IPC 8 full level

**B61L 1/14** (2006.01); **B61L 25/02** (2006.01)

CPC (source: CH EP US)

**B61L 1/14** (2013.01 - CH EP US); **B61L 25/025** (2013.01 - CH EP US); **B61L 25/04** (2013.01 - US); **B61L 27/70** (2022.01 - US); **B61L 2205/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2019057823A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2019057823 A1 20190328**; CH 714184 A1 20190329; EP 3684670 A1 20200729; US 2020223458 A1 20200716

DOCDB simple family (application)

**EP 2018075476 W 20180920**; CH 11632017 A 20170921; EP 18773996 A 20180920; US 201816649957 A 20180920