

Title (en)  
DISTRIBUTED AND OPEN DATABASE FOR THE DYNAMIC CAPTURE OF THE RAILWAY LINE NETWORK AND ELEMENTS ASSOCIATED THEREWITH

Title (de)  
VERTEILTE UND OFFENE DATENBANK ZUR DYNAMISCHEN ERFASSUNG DES EISENBAHNSTRECKENNETZES UND DESSEN GEWERKE

Title (fr)  
BASE DE DONNÉES RÉPARTIE ET OUVERTE UTILISÉE POUR L'ACQUISITION DYNAMIQUE DU RÉSEAU DE LIGNES DE CHEMIN DE FER ET SES STRUCTURES

Publication  
**EP 4182202 A1 20230524 (DE)**

Application  
**EP 21754892 A 20210714**

Priority  
• AT 506122020 A 20200715  
• AT 2021060249 W 20210714

Abstract (en)  
[origin: WO2022011408A1] Described is a method for creating a database for capturing a railway line comprising objects, wherein first measurement values and second measurement values are stored in the database, which measurement values comprise measurement value attributes created by means of a sensor and/or by means of an input, and which measurement values are created using an absolute coordinate reference system and/or relative coordinate reference system, which measurement values describe a state of the railway line or a vehicle driving on the railway line, with the execution of a coordinate transformation of the relative coordinate reference system, as appropriate, and the absolute coordinate reference system, as appropriate, into a standardised coordinate reference system and with the generation of a standardised measurement value set comprising the first measurement values and/or the second measurement values, wherein during the generation of the measurement value set, the measurement value attributes of the measurement values are stored in a defined structure in the standardised measurement value set.

IPC 8 full level  
**B61L 23/04** (2006.01)

CPC (source: AT EP US)  
**B61K 9/08** (2013.01 - AT); **B61L 23/04** (2013.01 - EP); **B61L 25/025** (2013.01 - AT); **B61L 25/026** (2013.01 - AT); **B61L 25/04** (2013.01 - US); **B61L 27/10** (2022.01 - US); **G01C 21/3848** (2020.08 - AT); **G01C 21/387** (2020.08 - AT); **G06F 16/29** (2018.12 - AT); **G06F 16/909** (2018.12 - AT); **G06F 17/40** (2013.01 - AT); **G06F 18/25** (2023.01 - AT); **B61L 2205/04** (2013.01 - AT); **G06F 2101/06** (2013.01 - AT); **G06T 2207/10028** (2013.01 - AT); **G06T 2207/30184** (2013.01 - AT)

Citation (search report)  
See references of WO 2022011408A1

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2022011408 A1 20220120**; AT 524063 A1 20220215; AU 2021307470 A1 20230209; CA 3183675 A1 20220120; EP 4182202 A1 20230524; KR 20230038497 A 20230320; MX 2023000121 A 20230209; US 2023286559 A1 20230914

DOCDB simple family (application)  
**AT 2021060249 W 20210714**; AT 506122020 A 20200715; AU 2021307470 A 20210714; CA 3183675 A 20210714; EP 21754892 A 20210714; KR 20237003588 A 20210714; MX 2023000121 A 20210714; US 202118015973 A 20210714