Title (en)

TAMPING UNIT AND METHOD FOR TAMPING SLEEPERS OF A TRACK

Title (de)

STOPFAGGREGAT UND VERFAHREN ZUM UNTERSTOPFEN VON SCHWELLEN EINES GLEISES

Title (fr)

UNITÉ DE BOURRAGE ET PROCÉDÉ DE BOURRAGE SOUS LES TRAVERSES D'UNE VOIE FERRÉE

Publication

EP 3853414 A1 20210728 (DE)

Application

EP 19755328 A 20190813

Priority

- AT 2902018 A 20180918
- EP 2019071641 W 20190813

Abstract (en)

[origin: WO2020057865A1] The invention relates to a tamping unit (1) for tamping material under sleepers (5) of a track, having a tool carrier (6) which is mounted on a unit frame (2) such that it can be lowered and on which two pivot levers (11) with tamping tools (15) are mounted rotatably about respective pivot axes (12) such that they can be adjusted relative to each other and such that a vibration can be applied to them, wherein at least one pivot lever (11) is assigned a sensor (16) for sensing a pivot angle of a pivot movement (21) about the associated pivot axis (12). The sensor (16) is constructed from a number of parts, wherein a first sensor part (18) is fastened to the tool carrier (6), and a second sensor part (19) is fastened to the pivot lever (11).

IPC 8 full level

E01B 27/16 (2006.01); **E01B 27/17** (2006.01)

CPC (source: AT EP KR US)

E01B 27/16 (2013.01 - AT EP KR); **E01B 27/17** (2013.01 - EP US); E01B 2203/12 (2013.01 - AT KR US)

Citation (search report)

See references of WO 2020057865A1

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 2020057865 A1 20200326; AT 521765 A1 20200415; AT 521765 B1 20210615; AU 2019344992 A1 20210218; BR 112021005035 A2 20210608; CA 3108839 A1 20200326; CN 112739872 A 20210430; EA 039562 B1 20220210; EA 202100054 A1 20210809; EP 3853414 A1 20210728; EP 3853414 B1 20221012; ES 2931451 T3 20221229; JP 2022501535 A 20220106; JP 7348290 B2 20230920; KR 102674704 B1 20240612; KR 20210061339 A 20210527; PL 3853414 T3 20230130; US 2021355638 A1 20211118; ZA 202100825 B 20220928

DOCDB simple family (application)

EP 2019071641 W 20190813; AT 2902018 A 20180918; AU 2019344992 A 20190813; BR 112021005035 A 20190813; CA 3108839 A 20190813; CN 201980060592 A 20190813; EA 202100054 A 20190813; EP 19755328 A 20190813; ES 19755328 T 20190813; JP 2021538898 A 20190813; KR 20217006248 A 20190813; PL 19755328 T 20190813; US 201917277393 A 20190813; ZA 202100825 A 20210205