

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)

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

Publication

EP 3523478 A1 20190814 (DE)

Application

EP 17762047 A 20170907

Priority

- AT 4572016 A 20161004
- EP 2017001056 W 20170907

Abstract (en)

[origin: WO2018065080A1] The invention relates to a tamping unit (1) for tamping sleepers (2) of a track (3), comprising a tool carrier (6) which is mounted on a unit frame (12) and is height-adjustable by means a drive (10), pairs of two opposite tamping tools (5) which can be adjusted relative to each other and can be caused to oscillate by an oscillation drive (8) about a respective pivot axis (4), wherein a vibration drive (11) is associated with the drive (10), said vibration drive setting the tamping tools (5) into a vertically acting vibration.

IPC 8 full level

E01B 27/16 (2006.01)

CPC (source: AT EP US)

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

Citation (search report)

See references of WO 2018065080A1

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 2018065080 A1 20180412; AT 519195 A1 20180415; AT 519195 B1 20190515; AU 2017340546 A1 20190314;
AU 2017340546 B2 20230105; CA 3034289 A1 20180412; CN 109790691 A 20190521; CN 109790691 B 20220322; DK 3523478 T3 20201116;
EA 039698 B1 20220301; EA 201900074 A1 20190830; EP 3523478 A1 20190814; EP 3523478 B1 20200826; ES 2821922 T3 20210428;
JP 2019529755 A 20191017; JP 6961687 B2 20211105; US 11105047 B2 20210831; US 2019234025 A1 20190801

DOCDB simple family (application)

EP 2017001056 W 20170907; AT 4572016 A 20161004; AU 2017340546 A 20170907; CA 3034289 A 20170907; CN 201780061189 A 20170907;
DK 17762047 T 20170907; EA 201900074 A 20170907; EP 17762047 A 20170907; ES 17762047 T 20170907; JP 2019518080 A 20170907;
US 201716330133 A 20170907