

Title (en)

TAMPING UNIT AND METHOD FOR TAMPING A TRACK

Title (de)

STOPFAGGREGAT SOWIE VERFAHREN ZUM UNTERSTOPFEN EINES GLEISES

Title (fr)

GROUPE DE BOURRAGE ET PROCÉDÉ DE BOURRAGE D'UNE VOIE FERRÉE

Publication

**EP 3377698 B1 20191211 (DE)**

Application

**EP 16787726 A 20161019**

Priority

- AT 7422015 A 20151118
- EP 2016001733 W 20161019

Abstract (en)

[origin: WO2017084732A1] In a tamping unit for packing a track, actuating drives (14) are provided for effecting an actuating movement of tamping picks. A first pressure chamber (20) for generating the actuating movement (8) is provided in a hydraulic cylinder (19) of the actuating drive (14), said hydraulic cylinder (19) comprising an actuating piston (17) with a piston rod (18). In addition, a second pressure chamber (21) is provided for generating an opening movement in the direction opposite the actuating movement, and a third pressure chamber (22) is provided for generating vibrations.

IPC 8 full level

**E01B 27/16** (2006.01); **B06B 1/18** (2006.01); **F15B 15/14** (2006.01)

CPC (source: AT EA EP US)

**E01B 27/16** (2013.01 - EA EP US); **F15B 21/12** (2013.01 - AT EA); **B06B 1/18** (2013.01 - EA EP US); **E01B 2203/12** (2013.01 - AT EA)

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)

**WO 2017084732 A1 20170526**; **WO 2017084732 A8 20180412**; AT 517480 A4 20170215; AT 517480 B1 20170215; CN 108291369 A 20180717; CN 108291369 B 20200221; EA 034353 B1 20200130; EA 201800171 A1 20181031; EP 3377698 A1 20180926; EP 3377698 B1 20191211; ES 2769060 T3 20200624; JP 2018534453 A 20181122; JP 6743147 B2 20200819; US 10633801 B2 20200428; US 2018274178 A1 20180927

DOCDB simple family (application)

**EP 2016001733 W 20161019**; AT 7422015 A 20151118; CN 201680066944 A 20161019; EA 201800171 A 20161019; EP 16787726 A 20161019; ES 16787726 T 20161019; JP 2018525718 A 20161019; US 201615763372 A 20161019