

Title (en)

VIBRATING PISTON ARRANGEMENT IN THE ACTUATING PISTON OF A TAMPING TOOL

Title (de)

VIBRATIONSKOLBENANORDNUNG IM BEISTELLZYLINDER EINES STOPFPICKELS

Title (fr)

AGENCEMENT D'UN CYLINDRE VIBRANT DANS UN CYLINDRE D'OPÉRATION POUR UN OUTIL DE BOURRAGE

Publication

EP 3380673 B1 20190925 (DE)

Application

EP 16784796 A 20161024

Priority

- AT 7582015 A 20151124
- EP 2016001761 W 20161024

Abstract (en)

[origin: WO2017088943A1] The aim of the invention is to tamper a track, in which track tampers are provided in pairs by means of an add-on cylinder (18). A vibration is superimposed with a linear stroke movement of an add-on piston (19) which is movable in the add-on cylinder (18). Said vibration is generated by a vibration piston (24) which is arranged in the add-on cylinder (18) and is movable independently from the add-on piston (19).

IPC 8 full level

E01B 27/16 (2006.01); **B06B 1/18** (2006.01); **E01B 27/17** (2006.01); **F15B 21/14** (2006.01)

CPC (source: AT EA EP US)

B06B 1/18 (2013.01 - EA EP US); **E01B 27/16** (2013.01 - EA EP); **E01B 27/17** (2013.01 - EA EP US); **F15B 21/14** (2013.01 - AT); **E01B 2203/12** (2013.01 - AT EA US); **F15B 21/14** (2013.01 - EA US)

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 2017088943 A1 20170601; AT 517843 A4 20170515; AT 517843 B1 20170515; CN 108291370 A 20180717; CN 108291370 B 20200529; EA 034438 B1 20200207; EA 201800176 A1 20181031; EP 3380673 A1 20181003; EP 3380673 B1 20190925; ES 2753826 T3 20200414; JP 2018535342 A 20181129; JP 6856643 B2 20210407; PL 3380673 T3 20200430; US 11179750 B2 20211123; US 2018297081 A1 20181018

DOCDB simple family (application)

EP 2016001761 W 20161024; AT 7582015 A 20151124; CN 201680068387 A 20161024; EA 201800176 A 20161024; EP 16784796 A 20161024; ES 16784796 T 20161024; JP 2018526795 A 20161024; PL 16784796 T 20161024; US 201615767557 A 20161024