Title (en)

TAMPING MACHINE FOR COMPACTING THE BALLAST BED OF A TRACK

Title (de)

GLEISSTOPFMASCHINE ZUM VERDICHTEN DER SCHOTTERBETTUNG EINES GLEISES

Title (fr)

BOURREUSE MÉCANIQUE SERVANT À COMPACTER LE LIT DE BALLAST D'UNE VOIE

Publication

EP 3204557 A1 20170816 (DE)

Application

EP 15793677 A 20151006

Priority

- AT 507132014 A 20141006
- AT 2015050247 W 20151006

Abstract (en)

[origin: WO2016054667A1] The invention relates to a tamping machine (22) for compacting the ballast bed of a track, said machine comprising at least two tamping units (37, 38, 41) for each side of the tamping machine, which units can be displaced transversely relative to the longitudinal direction of the tamping machine by means of a transversal displacement device. At least two guides, in particular motion bars or sliding tubes (2, 3) are associated with both tamping units (37, 38) of each side of the tamping machine, said guides being offset in relation to one another with respect to their height and in the longitudinal direction of the tamping machine. Each outer tamping unit (37) and its associated guides can be displaced transversely to the longitudinal direction of the tamping machine using an adjusting drive (21) and the inner tamping unit (38) can be displaced on the same guides, independently of the outer tamping unit (37), transversely to the longitudinal direction of the tamping machine using an adjusting drive (21).

IPC 8 full level

E01B 27/17 (2006.01)

CPC (source: AT CN EP RU US)

E01B 27/16 (2013.01 - AT CN); **E01B 27/17** (2013.01 - AT CN EP RU US); E01B 2203/12 (2013.01 - AT); E01B 2203/125 (2013.01 - AT)

Cited by

RU193954U1

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 2016054667 A1 20160414; AT 516311 A1 20160415; AT 516311 B1 20160615; AU 2015330945 A1 20170427; AU 2015330945 B2 20180201; CN 107148501 A 20170908; CN 107148501 B 20190604; EP 3204557 A1 20170816; EP 3204557 B1 20180801; EP 3204557 B2 20210407; JP 2017530277 A 20171012; JP 6563011 B2 20190821; RU 2017115668 A 20181113; RU 2017115668 A3 20190208; RU 2684882 C2 20190415; US 10240300 B2 20190326; US 2018274179 A1 20180927

DOCDB simple family (application)

AT 2015050247 W 20151006; AT 507132014 A 20141006; AU 2015330945 A 20151006; CN 201580058008 A 20151006; EP 15793677 A 20151006; JP 2017518325 A 20151006; RU 2017115668 A 20151006; US 201515516890 A 20151006