

Title (en)

METHOD AND DEVICE FOR COMPACTING THE BALLAST BED OF A TRACK

Title (de)

VERFAHREN UND VORRICHTUNG ZUM VERDICHTEN DER SCHOTTERBETTUNG EINES GLEISES

Title (fr)

PROCÉDÉ ET DISPOSITIF DE COMPACTION D'UN LIT DE BALLAST D'UNE VOIE FERRÉE

Publication

EP 3224416 B1 20210310 (DE)

Application

EP 15808080 A 20151126

Priority

- AT 508622014 A 20141128
- AT 2015050301 W 20151126

Abstract (en)

[origin: WO2016081971A1] What is proposed is a method and a device for compacting the ballast bed of a track, in particular in the region of points, with a points-tamping machine (1) which is equipped with a tamping unit (4) and with a lifting/straightening device (2) for straightening the track level that comprises at least one roller tongs (6) and at least one lifting hook (7) and is guided on the machine frame (2) so as to be longitudinally displaceable in the machine longitudinal direction. In order to provide advantageous straightening conditions, it is proposed that a points component measuring unit (3) arranged upstream of the lifting/straightening device (2) in the working direction (C) is provided for position-dependent measuring of the position of points components.

IPC 8 full level

E01B 27/17 (2006.01); **E01B 35/00** (2006.01)

CPC (source: AT CN EP RU US)

E01B 27/17 (2013.01 - AT CN EP RU US); **E01B 27/20** (2013.01 - CN); **E01B 35/00** (2013.01 - EP US); **E01B 35/06** (2013.01 - AT US); **E01B 2203/10** (2013.01 - US); **E01B 2203/125** (2013.01 - AT EP 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 2016081971 A1 20160602; AT 516590 A1 20160615; AT 516590 B1 20170115; AU 2015354375 A1 20170525; CA 2968590 A1 20160602; CN 107208383 A 20170926; EP 3224416 A1 20171004; EP 3224416 B1 20210310; RU 2674726 C1 20181212; US 10550525 B2 20200204; US 2017328013 A1 20171116

DOCDB simple family (application)

AT 2015050301 W 20151126; AT 508622014 A 20141128; AU 2015354375 A 20151126; CA 2968590 A 20151126; CN 201580061901 A 20151126; EP 15808080 A 20151126; RU 2017122481 A 20151126; US 201515525575 A 20151126