

Title (en)

MACHINE AND METHOD FOR PROFILING AND DISTRIBUTING BALLAST OF A TRACK

Title (de)

MASCHINE UND VERFAHREN ZUM PROFILIEREN UND VERTEILEN VON SCHOTTER EINES GLEISES

Title (fr)

MACHINE ET PROCÉDÉ DE PROFILAGE ET DE RÉPARTITION DE BALLAST D'UNE VOIE

Publication

EP 3596270 A1 20200122 (DE)

Application

EP 18709481 A 20180219

Priority

- AT 1112017 A 20170317
- EP 2018053973 W 20180219

Abstract (en)

[origin: WO2018166755A1] The invention relates to a machine (1) for profiling and distributing ballast (2) of a track (4), comprising a frame (18) supported on bogies (3) and comprising lateral ballast receiving devices (9) that can be adjustably secured to the frame (18), wherein each ballast receiving device (9) is supplied with a conveyor drive (24). In addition, the machine (1) is designed in such a way that the upper contour lines (10) of the machine (1) are arranged below the boundary plane (11) in an idle position, which boundary plane is sloping in the working direction (12) and runs through a field of view (15) of a driver's cabin (16) of a railway vehicle (5) that can be coupled to the machine (1) at the rear end (17) thereof. In this way, the machine (1) can be used as the lead carriage of the railway vehicle (5), wherein a sufficient view out of the driver's cabin (16) onto the track (4) is ensured.

IPC 8 full level

E01B 27/02 (2006.01); **E01B 27/10** (2006.01)

CPC (source: AT EA EP US)

E01B 27/02 (2013.01 - AT EA); **E01B 27/023** (2013.01 - AT EA); **E01B 27/026** (2013.01 - EA EP US); **E01B 27/107** (2013.01 - EA 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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018166755 A1 20180920; AT 519784 A1 20181015; AT 519784 B1 20191115; CN 110337512 A 20191015; CN 110337512 B 20220308; EA 038714 B1 20211008; EA 201900353 A1 20200207; EP 3596270 A1 20200122; EP 3596270 B1 20210526; ES 2880680 T3 20211125; PL 3596270 T3 20211227; US 11718963 B2 20230808; US 2020002896 A1 20200102

DOCDB simple family (application)

EP 2018053973 W 20180219; AT 1112017 A 20170317; CN 201880014300 A 20180219; EA 201900353 A 20180219; EP 18709481 A 20180219; ES 18709481 T 20180219; PL 18709481 T 20180219; US 201816482773 A 20180219