

Title (en)
TRACK-TAMPING MACHINE FOR COMPRESSING THE BALLAST BED OF A TRACK

Title (de)
GLEISSTOPFMASCHINE ZUM VERDICHTEN DER SCHOTTERBETTUNG EINES GLEISES

Title (fr)
MACHINE DE BOURRAGE DE VOIE POUR COMPRIMER LE LIT DE BALLAST D'UNE VOIE

Publication
EP 4211307 A1 20230719 (DE)

Application
EP 21785753 A 20210906

Priority

- AT 507692020 A 20200910
- AT 2021060312 W 20210906

Abstract (en)
[origin: WO2022051788A1] The invention relates to a track-tamping machine (100) for compressing the ballast bed of a track, comprising a tamping assembly group that has at least two tamping assemblies (ST), which are arranged in a row and can be moved transversely to the track-tamping machine longitudinal direction (AR) by a transverse-movement device, in order to tamp the track on each track-tamping machine side (R, L), said tamping assembly group (V, H) being rotatably mounted on a support (18) for the purpose of a rotational adjustment about a track-tamping machine vertical axis (A). In order to provide advantageous structural conditions, at least two tamping assembly groups (V, H) are arranged one behind the other in the track-tamping machine longitudinal direction (A, R), said groups being rotatably mounted about the track-tamping machine vertical axis (A) via a common rotational device (2), wherein the tamping assemblies (ST) of the tamping assembly groups (V, H) can be moved independently of one another transversely to the track-tamping machine longitudinal direction (AR) and can be lifted and lowered relative to the consoles (3) independently of one another.

IPC 8 full level
E01B 27/16 (2006.01)

CPC (source: AT EP US)
E01B 27/16 (2013.01 - AT EP); **E01B 27/17** (2013.01 - AT US); **E01B 2203/12** (2013.01 - AT); **E01B 2203/125** (2013.01 - AT US)

Citation (search report)
See references of WO 2022051788A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022051788 A1 20220317; AT 524193 A1 20220315; AT 524193 B1 20240115; AU 2021339456 A1 20230413; CN 116096964 A 20230509; EP 4211307 A1 20230719; JP 2023542094 A 20231005; US 2023313470 A1 20231005

DOCDB simple family (application)
AT 2021060312 W 20210906; AT 507692020 A 20200910; AU 2021339456 A 20210906; CN 202180061550 A 20210906; EP 21785753 A 20210906; JP 2023515742 A 20210906; US 202118024483 A 20210906