

Title (en)

DEVICE AND METHOD FOR COMPRESSING A TRACK BED

Title (de)

VORRICHTUNG UND VERFAHREN ZUM VERDICHTEN EINES GLEISBETTES

Title (fr)

DISPOSITIF ET PROCÉDÉ DE COMPRESSION DE LIT DE VOIE

Publication

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Application

EP 22708114 A 20220224

Priority

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- EP 2022054617 W 20220224

Abstract (en)

[origin: WO2022199970A1] The invention relates to a device (11) for compressing track formation layers and/or other substructure layers or supporting layers (7, 8, 9) of a track (4), which device can be mounted on a movable track construction machine (1) and which comprises a compression unit (12), wherein the latter is assigned a vibrating plate (13), at least one unbalance exciter (14) and an associated drive unit (15), wherein the device (11) comprises a supporting frame (16), and the compression unit (12) can be positioned variably in the working region of the track (4) by the compression unit (12) being coupled to the supporting frame (16) via an adjustment actuator (17). Provision is made here for the device (11) to comprise at least two acceleration sensors (8), a position-measuring unit (19) of the unbalance exciter (14), and a force-measuring unit (20). The efficiency and the compressing quality of the track construction machine are therefore increased.

IPC 8 full level

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