

Title (en)

METHOD AND DEVICE FOR COMPACTING A TRACK BALLAST BED

Title (de)

VERFAHREN UND VORRICHTUNG ZUM VERDICHTEN EINES GLEISSCHOTTERBETTS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR COMPACTER UN BALLAST

Publication

**EP 3649289 B1 20210811 (DE)**

Application

**EP 18732684 A 20180606**

Priority

- AT 2792017 A 20170704
- EP 2018064849 W 20180606

Abstract (en)

[origin: WO2019007621A1] Disclosed is a method for compacting a track ballast bed (2) by means of a tamping unit (1) comprising two opposite tamping tools (6) which, during a tamping process, are lowered into the track ballast bed (2) while being made to vibrate and are moved towards one another using a lateral movement. According to the invention, at least one variable vibration parameter (16, 23) is predefined in accordance with a penetration time (13) into the track ballast bed (2) until a required penetration depth of the tamping tools (6) has been reached.

IPC 8 full level

**E01B 27/16** (2006.01)

CPC (source: AT EA EP US)

**E01B 27/16** (2013.01 - AT EA EP US); **E01B 2203/12** (2013.01 - AT EA US)

Citation (opposition)

Opponent : System 7 - Railsupport GmbH,

- EP 3239398 A1 20171101 - HP3 REAL GMBH [AT]
- AT 513973 A4 20140915 - SYSTEM7 RAILSUPPORT GMBH [AT]
- BERNHARD LICHTBERGER: "Volhydraulisch Stopfen - eine neue Technologie für effiziente Instandhaltung", EL-EISENBAHNINGENIEUR, July 2015 (2015-07-01), pages 18 - 23, XP055922908

Cited by

EP3841250B1

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DOCDB simple family (publication)

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