

Title (en)

VIBRATORY TAMPING MACHINE FOR COMPACTING A BALLAST BED OF A TRACK

Title (de)

SCHWINGSTOPFMASCHINE ZUM VERDICHTEN EINES SCHOTTERBETTS EINES GLEISES

Title (fr)

MACHINE À CAVITÉ RÉSONNANTE CONÇUE POUR COMPACTER UN LIT DE BALLAST D'UNE VOIE FERROVIAIRE

Publication

EP 3768893 A1 20210127 (DE)

Application

EP 18750363 A 20180725

Priority

EP 2018070125 W 20180725

Abstract (en)

[origin: WO2020020448A1] The invention relates to a vibratory tamping machine (1) for compacting a ballast bed of a track, said vibratory tamping machine having a vibration mechanism (4) which is driven by means of an electric drive motor (2). In order to isolate at least one handle (13, 14, 17) from vibrations, the vibratory tamping machine (1) has a vibration isolation device (21) which defines an isolation plane (E) and separates a working side (26) from an operator side (27). The handles (13, 14, 17) are arranged on the operator side (27), whereas the electric drive motor (2) and the vibration mechanism (4) are arranged on the working side (26).

IPC 8 full level

E01B 27/14 (2006.01)

CPC (source: EP US)

E01B 27/14 (2013.01 - EP); **E01B 27/20** (2013.01 - US); **E01B 2203/127** (2013.01 - US)

Citation (search report)

See references of WO 2020020448A1

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 2020020448 A1 20200130; AU 2018433553 A1 20201126; CN 112243470 A 20210119; CN 112243470 B 20221028; DK 3768893 T3 20230508; EA 202092780 A1 20210301; EP 3768893 A1 20210127; EP 3768893 B1 20230301; ES 2941990 T3 20230529; FI 3768893 T3 20230529; JP 2021532293 A 20211125; JP 7179955 B2 20221129; PL 3768893 T3 20230605; US 2021230810 A1 20210729

DOCDB simple family (application)

EP 2018070125 W 20180725; AU 2018433553 A 20180725; CN 201880094264 A 20180725; DK 18750363 T 20180725; EA 202092780 A 20180725; EP 18750363 A 20180725; ES 18750363 T 20180725; FI 18750363 T 20180725; JP 2021503879 A 20180725; PL 18750363 T 20180725; US 201815734520 A 20180725