

Title (en)

GRINDING MACHINE FOR GRINDING A RAIL OF A TRACK

Title (de)

SCHLEIFMASCHINE ZUM SCHLEIFEN EINER SCHIENE EINES GLEISES

Title (fr)

MACHINE DE MEULAGE SERVANT AU MEULAGE D'UN RAIL D'UNE VOIE FERRÉE

Publication

**EP 3615732 B1 20210505 (DE)**

Application

**EP 18724133 A 20180322**

Priority

- DE 202017002300 U 20170429
- EP 2018057231 W 20180322

Abstract (en)

[origin: WO2018197115A1] The invention relates to a grinding machine (1), which can be manually translated on a track (3), for grinding a rail (2) of the track (3), comprising a support frame (5), which is guided on the rails (2) by means of two rail guides (8) and on which a drive motor (10) is arranged, which drive motor is coupled to a height-adjustable grinding element (11). According to the invention, each rail guide (8) comprises a quick-change device (22), in which one of at least two rail guide systems (14, 15), which can be exchanged with each other, is fastened.

IPC 8 full level

**E01B 31/17** (2006.01); **B24B 19/00** (2006.01); **B24B 23/08** (2006.01)

CPC (source: EA EP)

**B24B 19/004** (2013.01 - EA EP); **B24B 23/08** (2013.01 - EA EP); **E01B 31/17** (2013.01 - EA EP)

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

DOCDB simple family (publication)

**DE 202017002300 U1 20180115**; AU 2018257242 A1 20190926; CN 110582608 A 20191217; CN 110582608 B 20210525;  
EA 036727 B1 20201211; EA 201900400 A1 20200302; EP 3615732 A1 20200304; EP 3615732 B1 20210505; JP 2020518739 A 20200625;  
WO 2018197115 A1 20181101

DOCDB simple family (application)

**DE 202017002300 U 20170429**; AU 2018257242 A 20180322; CN 201880028425 A 20180322; EA 201900400 A 20180322;  
EP 18724133 A 20180322; EP 2018057231 W 20180322; JP 2019558713 A 20180322