

Title (en)

RAIL GRINDING MACHINE FOR GRINDING RAILS OF A TRACK

Title (de)

SCHIENEN-SCHLEIFMASCHINE ZUM SCHLEIFEN VON SCHIENEN EINES GLEISES

Title (fr)

MACHINE À MEULER LES RAILS DESTINÉE AU MEULAGE DES RAILS D'UNE VOIE

Publication

**EP 3765670 C0 20230607 (DE)**

Application

**EP 18742708 A 20180615**

Priority

EP 2018066001 W 20180615

Abstract (en)

[origin: WO2019238247A1] The invention relates to a rail grinding machine (1) for grinding rails (2) of a track, which comprises a machine frame (3), on which guide rollers (4) for manual movement of the rail grinding machine (1) are mounted in a longitudinal direction (x). By means of a transverse slide (11), which is mounted on the machine frame (3), a grinding unit (32) can be moved in a transverse direction (y). The transverse slide (11) comprises a closed transverse slide frame (13), which ranges in the longitudinal direction (x) and the transverse direction (y). The closed transverse slide frame (13) enables a simple and stable structure of the rail grinding machine (1) and flexible adjustability of the grinding unit (32).

IPC 8 full level

**E01B 31/17** (2006.01); **B24B 19/00** (2006.01); **B24B 23/08** (2006.01); **E01B 31/12** (2006.01)

CPC (source: CN EP US)

**B24B 19/004** (2013.01 - CN EP US); **B24B 23/08** (2013.01 - CN EP US); **E01B 31/12** (2013.01 - CN EP); **E01B 31/17** (2013.01 - CN EP US)

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

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

**WO 2019238247 A1 20191219**; AU 2018427985 A1 20201119; CN 111971434 A 20201120; CN 111971434 B 20211029; CN 113463454 A 20211001; EA 202092167 A1 20210226; EP 3765670 A1 20210120; EP 3765670 B1 20230607; EP 3765670 C0 20230607; JP 2021531983 A 20211125; JP 7275170 B2 20230517; PL 3765670 T3 20231009; US 2021237222 A1 20210805

DOCDB simple family (application)

**EP 2018066001 W 20180615**; AU 2018427985 A 20180615; CN 201880092355 A 20180615; CN 202110818421 A 20180615; EA 202092167 A 20180615; EP 18742708 A 20180615; JP 2020566679 A 20180615; PL 18742708 T 20180615; US 201817049082 A 20180615