

Title (en)

METHOD AND DEVICE FOR PRODUCING A HOMOGENEOUS, GROUND SURFACE OF A METAL STRIP

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN EINER HOMOGENEN, GESCHLIFFENEN OBERFLÄCHE EINES METALLBANDS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE PRODUCTION D'UNE SURFACE HOMOGENE RECTIFIÉE D'UNE BANDE MÉTALLIQUE

Publication

EP 3370916 A1 20180912 (DE)

Application

EP 16793801 A 20161102

Priority

- AT 509282015 A 20151103
- EP 2016076427 W 20161102

Abstract (en)

[origin: WO2017076905A1] The invention relates to a method for the production of a metal strip (1), in which the metal strip (1) is ground in a plurality of passes at least on one side on substantially the entire surface. During a final grinding passage, the metal strip (1) is ground with an aged or worn grinding medium (4, 8, 12). The invention further relates to a device for the production of a metal strip (1), comprising two rollers (2, 3) or two reels (13, 14) for holding and moving the metal strip (1), as well as to a grinding device (4, 8, 12). Furthermore, the device comprises means for determining an age or wear (A) of a grinding medium (4, 8, 12) and for outputting an alarm when, during a final grinding passage, a grinding medium (4, 8, 12) does not correspond to a predetermined age or predetermined wear (A).

IPC 8 full level

B24B 7/12 (2006.01)

CPC (source: AT EP)

B24B 7/005 (2013.01 - EP); **B24B 7/12** (2013.01 - AT EP); **B24B 7/13** (2013.01 - EP); **B24B 21/12** (2013.01 - EP); **B24B 27/0076** (2013.01 - EP); **B24B 49/00** (2013.01 - EP)

Citation (search report)

See references of WO 2017076905A1

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 2017076905 A1 20170511; AT 517879 A1 20170515; AT 517879 B1 20180215; CN 108349057 A 20180731; CN 108349057 B 20210312; EP 3370916 A1 20180912; EP 3370916 B1 20200819; HR P20201814 T1 20210108; HU E052535 T2 20210528; SI 3370916 T1 20201231

DOCDB simple family (application)

EP 2016076427 W 20161102; AT 509282015 A 20151103; CN 201680064294 A 20161102; EP 16793801 A 20161102; HR P20201814 T 20201113; HU E16793801 A 20161102; SI 201630962 T 20161102