

Title (en)

METHOD AND DEVICE FOR THE STRETCH-BEND LEVELING OF A METAL STRIP

Title (de)

VERFAHREN UND VORRICHTUNG ZUM STRECKBIEGERICHTEN EINES METALLBANDES

Title (fr)

PROCÉDÉ ET DISPOSITIF DE DRESSAGE D'UNE BANDE MÉTALLIQUE PAR ÉTIRAGE ET FLEXION

Publication

EP 3538291 A1 20190918 (DE)

Application

EP 17772412 A 20170925

Priority

- DE 102016121448 A 20161109
- EP 2017074210 W 20170925

Abstract (en)

[origin: CA3040160A1] The invention relates to a method and to a device for the stretch-bend leveling of a metal strip (B), wherein the metal strip (B) is alternately bent around stretching rollers (1-5) under a tensile stress and the degree of stretching is thus increased, wherein one or more stretching rollers (1-5) are provided with a non-metal coating. The method and the device are characterized in that one or more stretching rollers are provided with a coating (8) of plastic.

IPC 8 full level

B21D 1/05 (2006.01)

CPC (source: EP RU US)

B21D 1/05 (2013.01 - EP RU US)

Citation (search report)

See references of WO 2018086794A1

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)

DE 102016121448 A1 20180509; DE 102016121448 B4 20180830; CA 3040160 A1 20180517; CA 3040160 C 20210706; CN 109952164 A 20190628; EP 3538291 A1 20190918; EP 3538291 B1 20221116; RU 2019117616 A 20201210; RU 2019117616 A3 20201210; RU 2751912 C2 20210720; US 2021346930 A1 20211111; WO 2018086794 A1 20180517

DOCDB simple family (application)

DE 102016121448 A 20161109; CA 3040160 A 20170925; CN 201780068892 A 20170925; EP 17772412 A 20170925; EP 2017074210 W 20170925; RU 2019117616 A 20170925; US 201716336519 A 20170925