

Title (en)

DEVICE FOR PROCESSING STRIP MATERIAL AND METHOD FOR PROCESSING STRIP MATERIAL

Title (de)

VORRICHTUNG ZUR VERARBEITUNG VON STREIFENMATERIAL UND VERFAHREN ZUR VERARBEITUNG VON STREIFENMATERIAL

Title (fr)

DISPOSITIF ET PROCÉDÉ DE TRAITEMENT D'UN MATÉRIAU DE BANDE

Publication

EP 3838437 A1 20210623 (EN)

Application

EP 19383135 A 20191218

Priority

EP 19383135 A 20191218

Abstract (en)

The present invention relates to a device for processing strip material from a coil, wherein the device comprises:- pull rollers before and outside the leveller to assist with threading;- a leveller which in turn comprises a first set of rollers and a second set of rollers configured to process the strip material, in addition to a single drive motor configured to drive the first and second sets of rollers by applying torque to said first and second sets of rollers;pull rollers after and outside the leveller, consisting of one or more pairs of driven rollers, in order to apply extra tension to the material.

IPC 8 full level

B21D 43/09 (2006.01); **B21D 1/02** (2006.01)

CPC (source: EP)

B21D 1/02 (2013.01)

Citation (applicant)

- EP 2624978 B1 20150401 - BRADBURY CO INC [US]
- EP 2058059 B2 20200115 - BRADBURY CO INC [US]

Citation (search report)

- [XYI] JP 2008006491 A 20080117 - JFE STEEL KK
- [XA] SE 517210 C2 20020507 - NAGATA TOSHIO [JP], et al
- [XA] EP 1584384 A1 20051012 - SUNDWIG GMBH [DE]
- [XA] DE 3913713 A1 19901031 - SCHLEIFENBAUM & STEINMETZ GMBH [DE]
- [YA] US 2018093310 A1 20180405 - KITSON JAMES [US], et al
- [A] JP S60223615 A 19851108 - SUMITOMO METAL IND

Cited by

CN113751535A

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)

EP 3838437 A1 20210623

DOCDB simple family (application)

EP 19383135 A 20191218