

Title (en)

METHOD AND SYSTEM FOR PRODUCING SHEETS FROM STRAND-SHAPED PROFILES

Title (de)

VERFAHREN UND ANLAGE ZUR HERSTELLUNG VON BLECHEN AUS STRANGFÖRMIGEN PROFILEN

Title (fr)

PROCÉDÉ ET INSTALLATION POUR LA FABRICATION DE TÔLES À PARTIR DE PROFILÉS CONTINUS

Publication

EP 2986401 A1 20160224 (DE)

Application

EP 14723692 A 20140408

Priority

- DE 102013006171 A 20130410
- DE 2014000179 W 20140408

Abstract (en)

[origin: CA2909199A1] The invention relates to a method for producing sheets from thin strand-shaped profiles, made of magnesium or magnesium alloy. In a preceding step of the method, an open or closed extruded profile is produced. The extruded profile (6) emerging from the extrusion die of an extrusion press (1) is deformed in a contactless manner due to electromagnetic forces being applied, thus forming a flat sheet (7).

IPC 8 full level

B21C 23/06 (2006.01); **B21C 37/02** (2006.01); **B21D 1/00** (2006.01); **B21D 26/14** (2006.01); **C22C 23/00** (2006.01)

CPC (source: EP US)

B21C 23/00 (2013.01 - US); **B21C 23/06** (2013.01 - EP US); **B21C 37/02** (2013.01 - EP US); **C22C 23/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2014166474A1

Cited by

CN107214211A

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 102013006171 A1 20141016; **DE 102013006171 B4 20150416**; CA 2909199 A1 20141016; CA 2909199 C 20180515; CN 105263644 A 20160120; CN 105263644 B 20170711; DE 112014001932 A5 20160303; EP 2986401 A1 20160224; EP 2986401 B1 20170111; ES 2630114 T3 20170818; JP 2016522747 A 20160804; JP 6357530 B2 20180711; KR 20150139930 A 20151214; US 10040109 B2 20180807; US 2016059289 A1 20160303; WO 2014166474 A1 20141016

DOCDB simple family (application)

DE 102013006171 A 20130410; CA 2909199 A 20140408; CN 201480029953 A 20140408; DE 112014001932 T 20140408; DE 2014000179 W 20140408; EP 14723692 A 20140408; ES 14723692 T 20140408; JP 2016506783 A 20140408; KR 20157031755 A 20140408; US 201414784060 A 20140408