

Title (en)

Final roller device and method for producing a magnesium strip in same

Title (de)

Fertigwalzeinrichtung sowie Verfahren zur Herstellung eines Magnesiumbands in einer solchen

Title (fr)

Dispositif de laminage final ainsi que procédé de fabrication d'une bande de magnésium dans celui-ci

Publication

EP 2478974 B1 20130724 (DE)

Application

EP 11196160 A 20111230

Priority

DE 102011003046 A 20110124

Abstract (en)

[origin: EP2478974A1] The device (10) has a roll stand (11) for accommodating two working rolls (32, 33) that define a roll gap. One winch device (12) accommodates a coil (29) and supplies a magnesium strip to the roll gap, and another winch device (13) winds up the strip after traversing the roll gap. One of the winch devices and/or the roll stand are provided with heating devices (27, 37) and cover devices (21, 22). One cover device includes a coil opening (23) at a housing side turned away from the roll stand for inserting the coil into the cover device. An independent claim is also included for a method for producing a thin magnesium strip.

IPC 8 full level

B21B 1/34 (2006.01); **B21C 47/04** (2006.01); **B21C 47/18** (2006.01)

CPC (source: EP KR US)

B21B 1/34 (2013.01 - EP US); **B21B 3/00** (2013.01 - KR); **B21B 13/00** (2013.01 - KR); **B21C 47/02** (2013.01 - KR); **B21C 47/04** (2013.01 - EP US); **B21C 47/18** (2013.01 - EP US); **B21C 47/24** (2013.01 - EP US); **B21C 47/26** (2013.01 - EP US); **C21D 8/02** (2013.01 - EP US); **C21D 8/0247** (2013.01 - EP US); **C22C 1/02** (2013.01 - EP US); **C22F 1/06** (2013.01 - KR); **B21B 45/004** (2013.01 - EP US); **B21B 2015/0057** (2013.01 - EP US); **B21B 2015/0064** (2013.01 - EP US)

Cited by

EP2883626A1; EP3520913A1; EP3634086A1; WO2017167551A1; WO2015086398A1; US9895731B2; US11785678B2; US10837090B2; US10844467B2; US11072843B2; US11242586B2; US11377721B2; DE102018102362B4; US11479837B2; US11499213B2; US11821066B2

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

DOCDB simple family (publication)

EP 2478974 A1 20120725; **EP 2478974 B1 20130724**; CN 102601115 A 20120725; DE 102011003046 A1 20120726; JP 2012152824 A 20120816; JP 5941680 B2 20160629; KR 101843203 B1 20180514; KR 20120085661 A 20120801; US 2012186317 A1 20120726

DOCDB simple family (application)

EP 11196160 A 20111230; CN 10210010337 A 20120113; DE 102011003046 A 20110124; JP 2012011256 A 20120123; KR 20120003995 A 20120112; US 201113328778 A 20111216