

Title (en)
MAGNESIUM ALLOY HOT-ROLLING MILL

Title (de)
WARMWALZWERK FÜR MAGNESIUMLEGIERUNG

Title (fr)
LAMINOIR À CHAUD POUR ALLIAGE DE MAGNÉSIUM

Publication
EP 2213387 A4 20120425 (EN)

Application
EP 08839751 A 20081016

Priority
• JP 2008068745 W 20081016
• JP 2007269057 A 20071016

Abstract (en)
[origin: EP2213387A1] In a magnesium alloy hot rolling apparatus (100) in which winders (1, 2) that are able to apply heat to and then maintain the temperature of a magnesium alloy sheet (S) while this sheet is in a coiled state are installed on both entry and exit sides of a rolling mill (3), and in which the magnesium alloy sheet undergoes a sequential thickness reduction via a plurality of reverse rollings, the rolling mill (3) is provided with working rollers (3a) and back-up rollers (3b) whose surface temperature can be heated to a particular fixed temperature and then maintained at this temperature. According to the present invention, it is possible to prevent any deterioration in the quality of a product which is caused by temperature variations during the hot rolling of the magnesium alloy sheet, and it is possible to improve the yield and increase productivity.

IPC 8 full level
B21B 1/34 (2006.01); **B21B 3/00** (2006.01); **B21C 47/00** (2006.01)

CPC (source: EP US)
B21B 1/34 (2013.01 - EP US); **B21B 3/00** (2013.01 - EP US); **B21C 47/00** (2013.01 - EP US); **B21C 47/26** (2013.01 - EP US);
B21B 39/006 (2013.01 - EP US); **B21B 2027/086** (2013.01 - EP US)

Citation (search report)
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• See references of WO 2009051176A1

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2213387 A1 20100804; EP 2213387 A4 20120425; EP 2213387 B1 20130619; CA 2702723 A1 20090423; CN 101821024 A 20100901;
CN 103639199 A 20140319; JP 2009095848 A 20090507; JP 5264140 B2 20130814; KR 101204497 B1 20121126;
KR 20100072350 A 20100630; RU 2010119168 A 20111127; RU 2449844 C2 20120510; TW 200927314 A 20090701;
US 2011067474 A1 20110324; WO 2009051176 A1 20090423

DOCDB simple family (application)
EP 08839751 A 20081016; CA 2702723 A 20081016; CN 200880111488 A 20081016; CN 201310655630 A 20081016;
JP 2007269057 A 20071016; JP 2008068745 W 20081016; KR 20107010399 A 20081016; RU 2010119168 A 20081016;
TW 97139316 A 20081014; US 68279808 A 20081016