

Title (en)

MAGNESIUM ALLOY HOT-ROLLING MILL

Title (de)

WARMWALZWERK FÜR MAGNESIUMLEGIERUNG

Title (fr)

LAMINOIR À CHAUD POUR ALLIAGE DE MAGNÉSIUM

Publication

**EP 2213387 A1 20100804 (EN)**

Application

**EP 08839751 A 20081016**

Priority

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- JP 2007269057 A 20071016

Abstract (en)

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

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