

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  
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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.

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Citation (search report)  
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