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(54) **Magnesium alloys**

(57) A casting heat-resistance Mg alloy improved in heat resistance without relying upon expensive RE contains Cu. More specifically, it contains Al (8.0 weight %), Cu (1.0-5.0 weight %), Zn (2.0 weight %), Be (0.01 weight %) and Mg (the rest). The alloy can be prevented from deteriorating in corrosion resistance by adjusting the added amount of Cu to 1.0-1.5 weight %. The corrosion resistance of the alloy can be improved more by adding 0.5 to 1.0 weight % Mn as well.

EP 1 847 626 A3

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EUROPEAN SEARCH REPORT

Application Number
EP 07 10 6312

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	20 September 2007	Morra, Valentina

CATEGORY OF CITED DOCUMENTS

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