

Title (en)

Heat resistant magnesium alloy for casting

Title (de)

Wärmebeständige Magnesium-Gusslegierung

Title (fr)

Alliage thermoresistant de Magnésium coulé

Publication

EP 1526188 A3 20050914 (EN)

Application

EP 04018625 A 20040805

Priority

- JP 2003288229 A 20030806
- JP 2004080729 A 20040319

Abstract (en)

[origin: EP1526188A2] A heat resistant magnesium alloy for casting includes 6-12% by weight of aluminum, 0.05-4% by weight of calcium, 0.5-4% by weight of rare earth elements, 0.05-0.50% by weight of manganese, 0.1-14% by weight of tin, balance magnesium and inevitable impurities.

IPC 1-7

C22C 23/02; **C22F 1/06**

IPC 8 full level

B22D 21/04 (2006.01); **C22C 23/02** (2006.01); **C22F 1/06** (2006.01)

CPC (source: EP US)

C22C 23/02 (2013.01 - EP US)

Citation (search report)

- [Y] EP 0791662 A1 19970827 - HONDA MOTOR CO LTD [JP]
- [Y] EP 1108799 A2 20010620 - HITACHI LTD [JP]
- [A] EP 1127950 A1 20010829 - MITSUBISHI ALUMINIUM [JP]
- [A] ASM INTERNATIONAL: "ASM Speciality Handbook - Magnesium and Magnesium alloys", May 1999, ASM INTERNATIONAL, USA, ISBN: 0-87170-657-1, XP002334718

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DOCDB simple family (publication)

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DOCDB simple family (application)

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