

Title (en)

Heat resistant magnesium alloy for casting

Title (de)

Wärmebeständige Magnesium-Gusslegierung

Title (fr)

Alliage thermoresistant de Magnésium coulé

Publication

EP 1526188 B1 20071003 (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 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)

Cited by

EP1770180A4; CN109750198A; EP2492365A4; EP3434798A4; US2019062879A1; US10961608B2; US7922967B2; WO2005108634A1; WO2010093244A3

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1526188 A2 20050427; **EP 1526188 A3 20050914**; **EP 1526188 B1 20071003**; CN 1584091 A 20050223; DE 602004009260 D1 20071115; DE 602004009260 T2 20080710; JP 2005068550 A 20050317; US 2005095166 A1 20050505

DOCDB simple family (application)

EP 04018625 A 20040805; CN 200410056203 A 20040805; DE 602004009260 T 20040805; JP 2004080729 A 20040319; US 91208304 A 20040806