

Title (en)
Magnesium alloy and casting

Title (de)
Magnesiumlegierung und Gussteil

Title (fr)
Alliage de magnésium et moulage

Publication
EP 1816223 A1 20070808 (EN)

Application
EP 07101254 A 20070126

Priority
JP 2006019632 A 20060127

Abstract (en)
A magnesium alloy containing aluminum, manganese and calcium, characterized in that the magnesium alloy includes 6~12% by weight of aluminum, 0.1~1.5% by weight of manganese, a calcium/aluminum mass ratio being 0.55~1.0, and balance being magnesium and inevitable impurities.

IPC 8 full level
C22C 23/02 (2006.01)

CPC (source: EP US)
B22D 21/007 (2013.01 - EP US); **B22D 21/025** (2013.01 - EP US); **C22C 23/02** (2013.01 - EP US); **C22F 1/06** (2013.01 - EP US)

Citation (search report)

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DE FR GB

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1816223 A1 20070808; CN 101033519 A 20070912; JP 2007197796 A 20070809; JP 4539572 B2 20100908; US 2007178006 A1 20070802

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