

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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Designated contracting state (EPC)  
DE FR GB

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 07101254 A 20070126**; CN 200710004713 A 20070126; JP 2006019632 A 20060127; US 66820007 A 20070129