

Title (en)
MAGNESIUM ALLOY

Title (de)
MAGNESIUMLEGIERUNG

Title (fr)
ALLIAGE DE MAGNESIUM

Publication
EP 1813689 A1 20070801 (EN)

Application
EP 05788143 A 20050921

Priority
• JP 2005017912 W 20050921
• JP 2004273364 A 20040921

Abstract (en)
A magnesium alloy containing 2.0 to 10 at.% zinc, 0.05 to 0.2 at.% zirconium, 0.2 to 1.50 at.% rare earth element, and the balance being magnesium and unavoidable impurities. The Mg-Zn-RE has improved strength, particularly high-temperature strength.

IPC 8 full level
C22C 23/04 (2006.01)

CPC (source: EP US)
C22C 23/04 (2013.01 - EP US)

Cited by
US8435444B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1813689 A1 20070801; EP 1813689 A4 20071226; JP 2006089772 A 20060406; US 2007204936 A1 20070906;
WO 2006033458 A1 20060330

DOCDB simple family (application)
EP 05788143 A 20050921; JP 2004273364 A 20040921; JP 2005017912 W 20050921; US 66329805 A 20050921