

Title (en)
MAGNESIUM ALLOY

Title (de)
MAGNESIUMLEGIERUNG

Title (fr)
ALLIAGE DE MAGNÉSIUM

Publication
EP 2692884 A4 20141119 (EN)

Application
EP 12765196 A 20120328

Priority
• JP 2011072505 A 20110329
• JP 2012058113 W 20120328

Abstract (en)
[origin: EP2692884A1] The present invention provides magnesium alloy which has sufficiently high strength at room temperature and high temperature. Disclosed is a magnesium alloy comprising: aluminum (Al): 14.0 to 23.0% by mass, calcium (Ca): 11.0% by mass or less (not including 0% by mass), strontium (Sr): 12.0% by mass or less (not including 0% by mass), and zinc (Zn): 0.2 to 1.0% by mass.

IPC 8 full level
C22C 23/02 (2006.01); **C22F 1/00** (2006.01); **C22F 1/06** (2006.01)

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

Citation (search report)
• [IA] JP 2007113037 A 20070510 - KOBE STEEL LTD, et al
• See references of WO 2012133522A1

Cited by
EP3670691A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2692884 A1 20140205; EP 2692884 A4 20141119; EP 2692884 B1 20170503; CN 103635598 A 20140312; JP 2012207253 A 20121025; JP 5729081 B2 20150603; TW 201307580 A 20130216; TW I519649 B 20160201; US 2014044586 A1 20140213; WO 2012133522 A1 20121004

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EP 12765196 A 20120328; CN 201280015541 A 20120328; JP 2011072505 A 20110329; JP 2012058113 W 20120328; TW 101111066 A 20120329; US 201214008280 A 20120328