

Title (en)

ALUMINIUM ALLOY OF THE AlZnMg TYPE AND METHOD OF PRODUCING IT

Title (de)

ALUMINIUMLEGIERUNG VOM TYP AlZnMg UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

ALLIAGE D'ALUMINIUM DE TYPE AlZnMG ET PROCÉDÉ POUR SA PRODUCTION

Publication

EP 2061912 B1 20130501 (DE)

Application

EP 07800163 A 20070903

Priority

- AT 2007000418 W 20070903
- AT 14722006 A 20060904

Abstract (en)

[origin: WO2008028208A1] The invention relates to an aluminium alloy of the AlZnMg type, which is suitable for producing low-stress, high-strength aluminium raw materials, and to a method of producing such aluminium raw materials. The aluminium alloy according to the invention consists of 5.0 - 5.8 % by weight of zinc, 1.1 - 1.2 % by weight of magnesium, 0.2 - 0.3 % by weight of chromium, 0.1 - 0.3 % by weight of manganese, 0.1 - 0.4 % by weight of copper, 0.05 - 0.15 % by weight of titanium, 0.005 - 0.05 % by weight of cerium, 0.005 - 0.05 % by weight of samarium, not more than 0.2 % by weight of silicon, not more than 0.3 % by weight of iron, not more than 0.005 % by weight of zirconium, and aluminium as the remainder.

IPC 8 full level

C22C 21/10 (2006.01); **C22F 1/053** (2006.01)

CPC (source: EP US)

C22C 21/10 (2013.01 - EP US); **C22F 1/053** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008028208 A1 20080313; AR 062642 A1 20081119; AT 504089 A1 20080315; AT 504089 B1 20080815; CA 2697691 A1 20080313; EP 2061912 A1 20090527; EP 2061912 B1 20130501; MX 2009002390 A 20090608; RU 2009112403 A 20101020; RU 2484169 C2 20130610; TW 200831681 A 20080801; TW I434939 B 20140421; US 2010089506 A1 20100415; US 8491733 B2 20130723

DOCDB simple family (application)

AT 2007000418 W 20070903; AR P070103901 A 20070904; AT 14722006 A 20060904; CA 2697691 A 20070903; EP 07800163 A 20070903; MX 2009002390 A 20070903; RU 2009112403 A 20070903; TW 96132679 A 20070903; US 44000507 A 20070903