

Title (en)

HEAT TREATABLE AL-ZN-MG-CU ALLOY FOR AEROSPACE AND AUTOMOTIVE CASTINGS

Title (de)

WÄRMEBEHANDELBARE AL-ZN-MG-CU-LEGIERUNG FÜR GUSSTEILE FÜR LUFT- UND RAUMFAHRT UND KRAFTFAHRZEUGE

Title (fr)

ALLIAGE AL-ZN-MG-CU A TRAITEMENT THERMIQUE UTILISE POUR DES PIECES COULEES DESTINEES A DES APPLICATIONS DANS LE DOMAINE DE L'AEROSPATIALE ET DE L'AUTOMOBILE

Publication

**EP 1759027 A4 20071003 (EN)**

Application

**EP 05738780 A 20050422**

Priority

- US 2005013769 W 20050422
- US 56481304 P 20040422
- US 11121205 A 20050421

Abstract (en)

[origin: US2005238528A1] A heat treatable aluminum alloy for shaped castings includes from about 3.5-5.5% Zn, from about 1-3% Mg, about 0.05-0.5% Cu, and less than about 1% Si.

IPC 8 full level

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

CPC (source: EP KR US)

**C22C 21/10** (2013.01 - EP KR US)

Citation (search report)

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- [X] US 3694272 A 19720926 - MOHONDRO WILLIAM R, et al
- [X] GB 1218516 A 19710106 - ALUMINUM CO OF AMERICA [US]
- [X] CH 498201 A 19701031 - HIGH DUTY ALLOYS LTD [GB]
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- See references of WO 2005106058A2

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**US 2005238528 A1 20051027**; AU 2005238479 A1 20051110; CA 2564080 A1 20051110; EP 1759027 A2 20070307; EP 1759027 A4 20071003; JP 2007534840 A 20071129; KR 20070004987 A 20070109; MX PA06012243 A 20070131; NO 20065387 L 20070117; WO 2005106058 A2 20051110; WO 2005106058 A3 20060914

DOCDB simple family (application)

**US 11121205 A 20050421**; AU 2005238479 A 20050422; CA 2564080 A 20050422; EP 05738780 A 20050422; JP 2007509667 A 20050422; KR 20067024490 A 20061122; MX PA06012243 A 20050422; NO 20065387 A 20061122; US 2005013769 W 20050422