

Title (en)

HIGH STRENGTH CASTING ALUMINIUM ALLOY MATERIAL

Title (de)

HOCHFEST GEGOSSENES ALUMINIUMLEGIERUNGSMATERIAL

Title (fr)

MATIÈRE D'ALLIAGE D'ALUMINIUM DE FONDERIE À HAUTE RÉSISTANCE

Publication

EP 2298947 A1 20110323 (EN)

Application

EP 09793824 A 20090702

Priority

- CN 2009072603 W 20090702
- CN 200810302668 A 20080709
- CN 200810302669 A 20080709
- CN 200810302670 A 20080709
- CN 200810302671 A 20080709

Abstract (en)

A high strength casting aluminum alloy material comprises (in weight %) Cu 2.0-6.0%, Mn 0.05-1.0%, Ti 0.01-0.5%, Cr 0.01-0.2%, Cd 0.01-0.4%, Zr 0.01-0.25%, B 0.005-0.04%, rare earth 0.05-0.3%, and balance aluminum and trace impurities. The alloy has reduced cost.

IPC 8 full level

C22C 21/12 (2006.01); **C22F 1/057** (2006.01)

CPC (source: EP US)

C22C 21/12 (2013.01 - EP US); **C22F 1/057** (2013.01 - EP US)

Cited by

CN103436743A

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2298947 A1 20110323; **EP 2298947 A4 20110803**; **EP 2298947 B1 20150128**; CA 2729251 A1 20100114; CA 2729251 C 20140415; JP 2011526967 A 20111020; US 2011176957 A1 20110721; WO 2010003349 A1 20100114

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