

Title (en)
ALUMINUM MAGNESIUM LITHIUM ALLOY HAVING IMPROVED TOUGHNESS

Title (de)
ALUMINIUM-MAGNESIUM-LITHIUMLEGIERUNG MIT ERHÖHTER ZÄHIGKEIT

Title (fr)
ALLIAGE ALUMINIUM MAGNÉSIUM LITHIUM À TÉNACITÉ AMÉLIORÉE

Publication
EP 2710163 B1 20170913 (FR)

Application
EP 12728642 A 20120516

Priority
• FR 1101555 A 20110520
• US 201161488196 P 20110520
• FR 2012000198 W 20120516

Abstract (en)
[origin: US2012291925A1] Wrought product made of aluminum alloy composed as follows, as a percentage by weight Mg: 4.0-5.0; Li: 1.0-1.6; Zr: 0.05-0.15; Ti: 0.01-0.15; Fe: 0.02-0.2; Si: 0.02-0.2; Mn: \leq 0.5; Cr \leq 0.5; Ag: \leq 0.5; Cu \leq 0.5; Zn \leq 0.5; Sc \leq 0.01; other elements <0.05; the rest aluminum.

IPC 8 full level
C22C 21/06 (2006.01); **C22F 1/047** (2006.01)

CPC (source: EP US)
C22C 21/00 (2013.01 - EP US); **C22C 21/06** (2013.01 - EP US); **C22F 1/047** (2013.01 - EP US)

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)
US 2012291925 A1 20121122; BR 112013029789 A2 20170117; BR 112013029789 B1 20191022; CA 2836531 A1 20121129; CA 2836531 C 20190723; CN 103687971 A 20140326; CN 103687971 B 20180105; EP 2710163 A1 20140326; EP 2710163 B1 20170913; FR 2975403 A1 20121123; FR 2975403 B1 20181102; WO 2012160272 A1 20121129

DOCDB simple family (application)
US 201213473303 A 20120516; BR 112013029789 A 20120516; CA 2836531 A 20120516; CN 201280035632 A 20120516; EP 12728642 A 20120516; FR 1101555 A 20110520; FR 2012000198 W 20120516