

Title (en)
ALUMINIUM ALLOY

Title (de)
ALUMINIUMLEGIERUNG

Title (fr)
ALLIAGE EN ALUMINIUM

Publication
EP 2403968 A1 20120111 (DE)

Application
EP 10706641 A 20100303

Priority

- EP 2010052715 W 20100303
- EP 09405042 A 20090306
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Abstract (en)
[origin: EP2226397A1] The alloy contains the following elements, all expressed as percentage ranges or maximum percentages by weight. Si 8.0 - 9.0, Fe 0.5 - 0.7, Cu 0.01 max, Mg 0.010 max, Mn 0.010 max, Cr 0.001 max, Ti 0.20 max, V 0.020 max and Sr 0.010 - 0.030. The remainder is largely aluminum. Further elements and process impurities are present at up to 0.05 wt%. Their collective concentration is up to 0.2 wt%. The total content of elements Mn, Ti, V and Cr is up to 0.02 wt%.

IPC 8 full level
C22C 21/02 (2006.01); **B22D 17/00** (2006.01); **B22D 21/04** (2006.01); **C22C 21/04** (2006.01); **C22F 1/043** (2006.01)

CPC (source: EP KR US)
B22D 17/00 (2013.01 - EP KR US); **B22D 21/04** (2013.01 - KR); **C22C 21/02** (2013.01 - EP KR US); **C22C 21/04** (2013.01 - EP KR US); **C22F 1/043** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2010100204A1

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

DOCDB simple family (publication)
EP 2226397 A1 20100908; AU 2010220308 A1 20111013; AU 2010220308 B2 20140501; BR PI1013662 A2 20160426; CA 2754383 A1 20100910; CA 2754383 C 20180410; CN 102341514 A 20120201; CN 102341514 B 20130904; EP 2403968 A1 20120111; EP 2403968 B1 20150708; JP 2012519772 A 20120830; KR 20120081553 A 20120719; US 2012009081 A1 20120112; US 8480822 B2 20130709; WO 2010100204 A1 20100910

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