

Title (en)

ALUMINUM ALLOY

Title (de)

ALUMINIUMLEGIERUNG

Title (fr)

ALLIAGE D'ALUMINIUM

Publication

EP 3594369 A4 20201216 (EN)

Application

EP 17899591 A 20170427

Priority

- KR 20170029052 A 20170307
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Abstract (en)

[origin: EP3594369A1] The present invention relates to an aluminum alloy. The present invention provides an aluminum alloy composed of, by weight, 0.2% or less of Si, 0.2% or less of Fe, 0.6% or less of Mn, 1.5-2.1% of Mg, 5.5-6.5 of Zn, 0.1% or less of Ti, 0.1% or less of Cr, 0.1% or less of Zr, inevitable impurities, and the balance Al.

IPC 8 full level

C22C 21/10 (2006.01); **B21C 23/00** (2006.01); **C22F 1/053** (2006.01); **C25D 11/04** (2006.01)

CPC (source: EP KR US)

C22C 21/08 (2013.01 - US); **C22C 21/10** (2013.01 - EP KR); **C22F 1/053** (2013.01 - EP); **C25D 11/04** (2013.01 - EP)

Citation (search report)

- [X] JP 2012246555 A 20121213 - KOBE STEEL LTD
- [X] US 2015090373 A1 20150402 - GABLE BRIAN M [US], et al
- [A] WO 2017006816 A1 20170112 - NIPPON LIGHT METAL CO [JP]
- [A] US 2015217813 A1 20150806 - SMEYERS AXEL ALEXANDER MARIA [BE], et al
- See references of WO 2018164314A1

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)

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