

Title (en)

ALUMINUM ALLOY AND OVERAGED ALUMINUM ALLOY PRODUCT MADE OF SUCH AN ALLOY

Title (de)

ALUMINIUMLEGIERUNG SOWIE ÜBERALTERTES ALUMINIUMLEGIERUNGSPRODUKT AUS EINER SOLCHEN LEGIERUNG

Title (fr)

ALLIAGE D'ALUMINIUM ET PRODUIT D'ALLIAGE D'ALUMINIUM SURVIEILLI OBTENU À PARTIR D'UN TEL ALLIAGE

Publication

EP 3818187 A1 20210512 (DE)

Application

EP 18743409 A 20180702

Priority

EP 2018067740 W 20180702

Abstract (en)

[origin: WO2020007437A1] The invention relates to an aluminum alloy having 0.04 - 0.1 wgt.-% Si, 0.8 - 1.8 wgt.-% Cu, 1.5 - 2.3 wgt.-% Mg, 0.15 - 0.6 wgt.-% Ag, 7.05 - 9.2 wgt.-% Zn, 0.08 - 0.14 wgt.-% Zr, 0.02 - 0.08 wgt.-% Ti, max. 0.35 wgt.-% Mn, max. 0.1 wgt.-% Fe, max. 0.06 wgt.-% Cr, optional 0.0015 - 0.008 wgt.-% Be, the remainder aluminum in addition to unavoidable impurities. The invention furthermore relates to an aluminum alloy product which is overaged according to T74xx, produced from such an alloy.

IPC 8 full level

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

CPC (source: EP RU US)

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Cited by

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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

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BA ME

DOCDB simple family (publication)

WO 2020007437 A1 20200109; CN 112218963 A 20210112; CN 112218963 B 20220920; EP 3818187 A1 20210512; EP 3818187 B1 20211117; ES 2902204 T3 20220325; JP 2021534320 A 20211209; JP 7321195 B2 20230804; RU 2765103 C1 20220125; US 11970756 B2 20240430; US 2021164076 A1 20210603

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