

Title (en)

ALUMINIUM ALLOY, SEMI-FINISHED PRODUCT, CAN, METHOD FOR PRODUCING A SLUG, METHOD FOR PRODUCING A CAN, AND USE OF AN ALUMINIUM ALLOY

Title (de)

ALUMINIUMLEGIERUNG, HALBZEUG, DOSE, VERFAHREN ZUR HERSTELLUNG EINES BUTZEN, VERFAHREN ZUR HERSTELLUNG EINER DOSE SOWIE VERWENDUNG EINER ALUMINIUMLEGIERUNG

Title (fr)

ALLIAGE D'ALUMINIUM, PRODUIT SEMI-FINI, PROCÉDÉ POUR FABRIQUER UNE PASTILLE, PROCÉDÉ POUR FABRIQUER UNE BOÎTE ET UTILISATION D'UN ALLIAGE D'ALUMINIUM

Publication

EP 3847291 A1 20210714 (DE)

Application

EP 19765436 A 20190903

Priority

- DE 102018215254 A 20180907
- EP 2019073480 W 20190903

Abstract (en)

[origin: WO2020048994A1] The invention relates to an aluminium alloy consisting of: - 0.07 wt.% to 0.17 wt.% silicon, - 0.25 wt.% to 0.45 wt.% iron, - 0.05 wt.% to 0.20 wt.% copper, - 0.30 wt.% to 0.50 wt.% manganese, - 0.05 wt.% to 0.25 wt.% magnesium, - 0.01 wt.% to 0.04 wt.% titanium, and - the remainder aluminium and optionally additional admixtures. The invention also relates to a slug or a can, preferably an aerosol can, to a method for producing a semi-finished product, preferably a slug, to a method for producing a can, and to a use of an aluminium alloy.

IPC 8 full level

C22F 1/04 (2006.01); **B65B 31/00** (2006.01); **B65D 83/14** (2006.01); **C22C 21/00** (2006.01)

CPC (source: EP US)

B22D 21/007 (2013.01 - US); **B22D 25/06** (2013.01 - US); **C21D 1/18** (2013.01 - US); **C22C 21/00** (2013.01 - EP US); **C22F 1/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2020048994A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2020048994 A1 20200312; BR 112021003355 A2 20210511; CN 112771195 A 20210507; CN 112771195 B 20221004; DE 102018215254 A1 20200312; EP 3847291 A1 20210714; EP 3847291 B1 20230118; US 2021340648 A1 20211104

DOCDB simple family (application)

EP 2019073480 W 20190903; BR 112021003355 A 20190903; CN 201980046122 A 20190903; DE 102018215254 A 20180907; EP 19765436 A 20190903; US 201917272686 A 20190903