

Title (en)

CORROSION RESISTANT ALUMINUM ALLOY

Title (de)

KORROSIONSBESTÄNDIGE ALUMINIUMLEGIERUNG

Title (fr)

ALLIAGE D'ALUMINIUM RÉISTANT À LA CORROSION

Publication

**EP 3555330 A4 20200513 (EN)**

Application

**EP 17880259 A 20171213**

Priority

- US 201662434739 P 20161215
- US 2017066053 W 20171213

Abstract (en)

[origin: WO2018112018A2] An aluminum alloy composition includes a corrosion resistant aluminum alloy selected from the group consisting of: a 1xxx series aluminum alloy, a 3xxx series aluminum alloy, and a 5xxx series aluminum alloy. The corrosion resistant aluminum alloy includes not greater than 0.04 wt. % Fe, not greater than 3 wt. % Mg, an effective amount of a corrosion resistant additive, and the balance being aluminum.

IPC 8 full level

**C22C 21/00** (2006.01); **C22C 21/06** (2006.01); **C25C 7/02** (2006.01); **H01B 1/02** (2006.01)

CPC (source: EP US)

**C22C 21/06** (2013.01 - EP US); **C25C 7/02** (2013.01 - EP US); **H01B 1/023** (2013.01 - EP US)

Citation (search report)

- [X] US 2004062946 A1 20040401 - BENEDICTUS RINZE [NL], et al
- [X] US 2013084208 A1 20130404 - MISRA ABHIJEET [US], et al
- [A] WO 2011011744 A2 20110127 - ALCOA INC [US], et al
- [A] WO 9824940 A1 19980611 - ALCAN INT LTD [CA], et al
- See references of WO 2018112018A2

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)

**WO 2018112018 A2 20180621**; **WO 2018112018 A3 20180726**; CN 109963956 A 20190702; CN 109963956 B 20210921;  
EP 3555330 A2 20191023; EP 3555330 A4 20200513; JP 2020500264 A 20200109; JP 2021119262 A 20210812; US 2019271060 A1 20190905

DOCDB simple family (application)

**US 2017066053 W 20171213**; CN 201780070734 A 20171213; EP 17880259 A 20171213; JP 2019527182 A 20171213;  
JP 2021059074 A 20210331; US 201916418751 A 20190521