

Title (en)

ALUMINUM ALLOY WITH IMPROVED EXTRUDABILITY AND CORROSION RESISTANCE

Title (de)

ALUMINIUMLEGIERUNG MIT VERBESSERTER EXTRUDIERBARKEIT UND KORROSIONSBESTÄNDIGKEIT

Title (fr)

ALLIAGE D'ALUMINIUM PRÉSENTANT UNE APTITUDE À L'EXTRUSION ET UNE RÉSISTANCE À LA CORROSION AMÉLIORÉES

Publication

EP 4048823 A1 20220831 (EN)

Application

EP 20880265 A 20201014

Priority

- US 201962925314 P 20191024
- CA 2020051370 W 20201014

Abstract (en)

[origin: WO2021077209A1] There is provided an extruded and brazed product with improved corrosion resistance by having low coarse recrystallized grain formation as well as a method for making same. The extruded and brazed product comprises an aluminum alloy comprising in weight percent Mn 0.6 – 0.75; Fe 0.11 – 0.16; Si 0.10 – 0.19; Cu < 0.01; Zn < 0.05; Ti < 0.05; optionally a grain refiner; optionally Ni < 0.01; and the balance being aluminum and inevitable impurities.

IPC 8 full level

C22C 21/00 (2006.01); **B21C 23/02** (2006.01); **C21D 1/34** (2006.01)

CPC (source: EP KR US)

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Designated extension state (EPC)

BA ME

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