

Title (en)

Corrosion-resistant aluminium extrusion profile and method for manufacturing a structure component

Title (de)

Korrosionsbeständiges Aluminiumstrangpressprofil und Verfahren zur Herstellung eines Strukturbauteils

Title (fr)

Profilé extrudé en aluminium résistant à la corrosion et procédé de fabrication d'un composant de structure

Publication

EP 2175042 B1 20150304 (DE)

Application

EP 09011984 A 20090921

Priority

DE 102008048374 A 20080922

Abstract (en)

[origin: EP2175042A1] The corrosion-resistant multi-chamber hollow profile made of alloy of aluminum, silicon and magnesium, comprises a microstructure with form intermetallic phases, whose particles are globulistically formed. The particles of intermetallic phase have a diameter of = 1 μ m. An independent claim is included for a method for the production of corrosion-resistant multi-chamber hollow profile.

IPC 8 full level

C22C 21/08 (2006.01); **C22F 1/047** (2006.01)

CPC (source: EP)

C22C 21/08 (2013.01); **C22F 1/047** (2013.01)

Cited by

CN103060634A; US9970090B2; US10661338B2; US11345980B2; WO2024099379A1; EP3938554B1

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