

Title (en)

ROLLED ALUMINIUM ALLOY FOR HEAT EXCHANGERS

Title (de)

WÄRMETAUSCHER MIT EINER GEWALZTEN ALUMINIUMLEGIERUNG

Title (fr)

ÉCHANGEUR DE CHALEUR INCORPORANT UN ALLIAGE D'ALUMINIUM LAMINÉ

Publication

EP 3423607 B1 20191218 (EN)

Application

EP 17705918 A 20170223

Priority

- EP 16157787 A 20160229
- EP 2017054141 W 20170223

Abstract (en)

[origin: WO2017148788A1] The invention relates to a heat exchanger incorporating at least one component made from a rolled 6xxx-series aluminium alloy having a composition, in wt.%, of Si 0.2% to 1.3%, Mg 0.3% to 1.3%, Cu up to 0.80%, Fe 0.05% to 1.0%, Mn 0.05% to 0.70%, optionally one or two elements selected from the group 0.05-0.35% Zr and 0.04-0.35% Cr, Zn up to 0.25%, Ti up to 0.25%, balance unavoidable impurities and aluminium, and wherein the Fe/Mn ratio is <1.90.

IPC 8 full level

C22C 21/08 (2006.01); **C22F 1/043** (2006.01); **F28F 21/08** (2006.01)

CPC (source: EP US)

C22C 21/06 (2013.01 - US); **C22C 21/08** (2013.01 - EP US); **C22C 21/10** (2013.01 - US); **C22C 21/14** (2013.01 - US); **C22C 21/16** (2013.01 - US); **C22C 21/18** (2013.01 - US); **C22F 1/043** (2013.01 - EP US); **F28D 9/005** (2013.01 - US); **F28F 21/084** (2013.01 - EP US); **F28D 9/005** (2013.01 - EP); **F28F 2275/04** (2013.01 - EP US)

Citation (opposition)

Opponent : Hydro Aluminium Rolled Products GmbH

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FR3134584A1; WO2023203296A1

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 2017148788 A1 20170908; CN 109072357 A 20181221; CN 109072357 B 20200901; EP 3423607 A1 20190109; EP 3423607 B1 20191218; US 2021033358 A1 20210204

DOCDB simple family (application)

EP 2017054141 W 20170223; CN 201780009825 A 20170223; EP 17705918 A 20170223; US 201716071294 A 20170223