

Title (en)

ALUMINUM FIN AND TUBE HEAT EXCHANGER

Title (de)

ALUMINIUM ROHR-RIPPEN-WÄRMETAUSCHER

Title (fr)

ÉCHANGEUR DE CHALEUR AVEC TUBES ET AILETTES EN ALUMINIUM

Publication

**EP 2598821 A2 20130605 (EN)**

Application

**EP 11736529 A 20110721**

Priority

- US 36807510 P 20100727
- US 36768810 P 20100726
- US 2011044788 W 20110721

Abstract (en)

[origin: WO2012018536A2] A heat exchanger is provided including at least one aluminum alloy tube and a plurality of aluminum fins arrayed on the aluminum alloy tube. The aluminum tube may be supported by tube sheets made of aluminum alloy.

IPC 8 full level

**F28F 19/00** (2006.01); **F28F 1/32** (2006.01)

CPC (source: EP US)

**F28D 1/0477** (2013.01 - EP US); **F28F 1/10** (2013.01 - US); **F28F 1/32** (2013.01 - EP US); **F28F 1/325** (2013.01 - EP US); **F28F 1/40** (2013.01 - EP US); **F28F 19/004** (2013.01 - EP US); **F28F 21/084** (2013.01 - EP US); **F28D 2021/0085** (2013.01 - EP US); **F28F 2275/125** (2013.01 - EP US)

Citation (search report)

See references of WO 2012018536A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 2012018536 A2 20120209**; **WO 2012018536 A3 20120802**; CN 103003654 A 20130327; CN 103003654 B 20160706; DK 2598821 T3 20191007; EP 2598821 A2 20130605; EP 2598821 B1 20190828; ES 2744883 T3 20200226; SG 187560 A1 20130328; US 2013098591 A1 20130425

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**US 2011044788 W 20110721**; CN 201180036922 A 20110721; DK 11736529 T 20110721; EP 11736529 A 20110721; ES 11736529 T 20110721; SG 2013004130 A 20110721; US 201113704723 A 20110721