

Title (en)

ALUMINUM FIN MATERIAL FOR HEAT EXCHANGER

Title (de)

ALUMINIUMRIPPENMATERIAL FÜR EINEN WÄRMETAUSCHER

Title (fr)

MATÉRIAU D'AILETTE EN ALUMINIUM POUR ÉCHANGEUR DE CHALEUR

Publication

**EP 2413085 A4 20140910 (EN)**

Application

**EP 10756128 A 20100324**

Priority

- JP 2010055109 W 20100324
- JP 2009072455 A 20090324

Abstract (en)

[origin: EP2413085A1] An aluminum fin material (1) for a heat exchanger, which is characterized by including a base (2) including aluminum or an aluminum alloy, a primer treatment layer (3) formed on the surface of the base (2), and a corrosion-resistant resin coating film layer (4) formed on the surface of the primer treatment layer (3), in which the corrosion-resistant resin coating film layer (4) includes a first corrosion-resistant resin coating film layer (4a) formed on the surface of the primer treatment layer (3) and a second corrosion-resistant resin coating film layer (4b) formed on the surface of the first corrosion-resistant resin coating film layer (4a), at least one of the first corrosion-resistant resin coating film layer (4a) and the second corrosion-resistant resin coating film layer (4b) includes an ethylene-acryl copolymer resin and has a thickness of 1 µm or more, and the corrosion-resistant resin coating film layer (4) has a total thickness of 1.1 to 10 µm inclusive.

IPC 8 full level

**F28F 19/04** (2006.01); **F28F 1/32** (2006.01)

CPC (source: EP)

**B05D 7/54** (2013.01); **C23C 28/00** (2013.01); **F28F 19/04** (2013.01); **F28F 21/084** (2013.01); **B05D 2202/25** (2013.01); **F28F 1/32** (2013.01); **F28F 17/005** (2013.01); **F28F 2245/02** (2013.01)

Citation (search report)

- [IY] WO 2007066796 A1 20070614 - NIPPON STEEL CORP [JP], et al & JP 2007182626 A 20070719 - NIPPON STEEL CORP
- [Y] AU 2008215475 A1 20080821 - KOBE STEEL LTD
- [A] GB 2288178 A 19951011 - KANSAI PAINT CO LTD [JP] & JP H07268274 A 19951017 - KANSAI PAINT CO LTD
- [A] WO 2006095514 A1 20060914 - DAIKIN IND LTD [JP], et al
- See references of WO 2010110332A1

Cited by

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