

Title (en)

PROCESS FOR TREATING SURFACES OF HEAT EXCHANGERS

Publication

**EP 0128514 A3 19860813 (DE)**

Application

**EP 84106430 A 19840605**

Priority

JP 10077083 A 19830608

Abstract (en)

[origin: EP0128514A2] In a process for treating the surfaces of aluminium heat exchangers which are provided with a corrosion-protective coating, the corrosion-protective coating is aftertreated, in order to apply an adherent, hydrophilic coating, with a dispersion which contains fine clay particles, preferably having a particle size of from 1 to 100 nanometres. The dispersion may additionally contain a surfactant, fine particles of silica or silicate and/or water-soluble synthetic resin. The weight of the coating produced by the aftertreatment should be from 0.01 to 5 g/m<sup>2</sup>, preferably from 0.1 to 1 g/m<sup>2</sup> (in the dry state).

IPC 1-7

**B05D 7/14**; **B05D 3/10**; **F28F 19/02**

IPC 8 full level

**F28F 13/18** (2006.01); **B05D 3/10** (2006.01); **B05D 7/14** (2006.01); **F28F 19/00** (2006.01); **F28F 19/02** (2006.01)

CPC (source: EP)

**B05D 3/107** (2013.01); **F28F 19/00** (2013.01); **F28F 19/02** (2013.01); **B05D 2202/25** (2013.01); **F28F 2245/02** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE FR IT LI NL SE

DOCDB simple family (publication)

**EP 0128514 A2 19841219**; **EP 0128514 A3 19860813**; AU 2894684 A 19841213; BR 8402758 A 19850514; DE 3420852 A1 19841213; JP S59229197 A 19841222

DOCDB simple family (application)

**EP 84106430 A 19840605**; AU 2894684 A 19840601; BR 8402758 A 19840607; DE 3420852 A 19840605; JP 10077083 A 19830608