

Title (en)

Heating element for regenerative heat exchanger and process for manufacturing same

Title (de)

Heizelement für einen Regenerativ-Wärmetauscher und Verfahren zum Herstellen eines Heizelements

Title (fr)

Élément de chauffage pour échangeur de chaleur régénératif et son procédé de fabrication

Publication

EP 1475597 A3 20061115 (DE)

Application

EP 04010542 A 20040504

Priority

DE 10320462 A 20030508

Abstract (en)

[origin: EP1475597A2] The device is made of profiled steel sheet provided with an acid-resistant basic enamel coating and whose surface is provided with an anti-adhesion enamel coating. The anti-adhesion enamel coating is applied with a coating thickness of 5 to 40 microns or 15 to 25 microns. The thickness of the basic enamel coating including the anti-adhesion coating is 80 to 300 microns. An independent claim is also included for the following: (a) a method of manufacturing an inventive device.

IPC 8 full level

F28F 19/02 (2006.01); **F28D 17/02** (2006.01); **F28D 19/04** (2006.01)

CPC (source: EP)

F28D 17/02 (2013.01); **F28D 19/04** (2013.01); **F28F 19/02** (2013.01)

Citation (search report)

- [A] DE 4309844 A1 19940929 - KRC UMWELTTECHNIK GMBH [DE]
- [A] DE 3445319 A1 19860612 - KUTTER GERHARD
- [A] DE 3405768 A1 19850822 - ASTA ULLRICH GMBH ANNWEILER AM [DE]
- [A] DE 4415178 A1 19951102 - FLUCORREX AG FLAWIL [CH]
- [A] US 4250215 A 19810210 - MAYER MORRIE M [US]

Cited by

DE102012203278A1; CN103063079A; WO2013127594A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

EP 1475597 A2 20041110; EP 1475597 A3 20061115; EP 1475597 B1 20110202; AT E497598 T1 20110215; DE 10320462 B3 20050303; DE 502004012158 D1 20110317; ES 2361926 T3 20110624

DOCDB simple family (application)

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