

Title (en)

HEAT EXCHANGER AND METHOD FOR TREATING THE SURFACE OF SAID HEAT EXCHANGER

Title (de)

WÄRMETAUSCHER UND VERFAHREN ZUR OBERFLÄCHENBEHANDLUNG EINES SOLCHEN

Title (fr)

ECHANGEUR THERMIQUE ET PROCEDE DE TRAITEMENT DE SURFACE D'UN TEL ECHANGEUR THERMIQUE

Publication

EP 1611407 A2 20060104 (DE)

Application

EP 04718303 A 20040308

Priority

- EP 2004002336 W 20040308
- DE 10314775 A 20030331

Abstract (en)

[origin: DE102004011544A1] Heat exchanger comprises a hydrophilic surface coating (12) consisting of a gel produced by a sol-gel process. An independent claim is also included for a process for coating a heat exchanger with a hydrophilic surface coating using a sol-gel process.

IPC 1-7

F28F 13/18; **F28F 19/02**

IPC 8 full level

F28F 13/04 (2006.01); **F28F 13/18** (2006.01); **F28F 19/02** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2004087338A2

Designated contracting state (EPC)

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DE 102004011544 A1 20041014; CN 1768245 A 20060503; EP 1611407 A2 20060104; JP 2006522303 A 20060928; US 2006196644 A1 20060907; WO 2004087338 A2 20041014; WO 2004087338 A3 20050609

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DE 102004011544 A 20040308; CN 200480008964 A 20040308; EP 04718303 A 20040308; EP 2004002336 W 20040308; JP 2006504576 A 20040308; US 55118305 A 20050929