

Title (en)

HEAT EXCHANGER, IN PARTICULAR EXHAUST GAS HEAT EXCHANGER

Title (de)

WÄRMETAUSCHER, INSBESONDERE ABGASWÄRMETAUSCHER

Title (fr)

ECHANGEUR THERMIQUE, EN PARTICULIER ECHANGEUR THERMIQUE POUR GAZ D'ECHAPPEMENT

Publication

**EP 1926962 A1 20080604 (DE)**

Application

**EP 06805687 A 20060912**

Priority

- EP 2006008851 W 20060912
- DE 102005043730 A 20050914

Abstract (en)

[origin: WO2007031262A1] The invention relates to a heat exchanger, in particular an exhaust gas heat exchanger, having at least one surface which is impinged on by a medium, in particular exhaust gas, is made from metal, in particular aluminium or stainless steel, and is provided with a coating. In order to improve the properties of the coating, according to the invention, the coating comprises a coating material based on nanotechnology.

IPC 8 full level

**F28F 19/02** (2006.01); **F28F 19/06** (2006.01)

CPC (source: EP US)

**F28F 19/02** (2013.01 - EP US); **F28F 19/06** (2013.01 - EP US)

Citation (search report)

See references of WO 2007031262A1

Citation (examination)

- DE 19813709 A1 19990930 - INST NEUE MAT GEMEIN GMBH [DE]
- WO 03093383 A1 20031113 - INST NEUE MAT GEMEIN GMBH [DE], et al

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 2007031262 A1 20070322**; CN 101305255 A 20081112; DE 102005043730 A1 20070322; EP 1926962 A1 20080604; JP 2009508080 A 20090226; RU 2008114316 A 20091020; RU 2430323 C2 20110927; US 2008245512 A1 20081009

DOCDB simple family (application)

**EP 2006008851 W 20060912**; CN 200680042045 A 20060912; DE 102005043730 A 20050914; EP 06805687 A 20060912; JP 2008530399 A 20060912; RU 2008114316 A 20060912; US 6658806 A 20060912