

Title (en)
HEAT EXCHANGE SYSTEM

Title (de)
WÄRMETAUSCHSYSTEM

Title (fr)
SYSTÈME D'ÉCHANGE DE CHALEUR

Publication
EP 2225528 A1 20100908 (DE)

Application
EP 08862967 A 20081016

Priority

- EP 2008063994 W 20081016
- EP 07123497 A 20071218
- EP 07123498 A 20071218
- EP 08100544 A 20080116
- EP 08862967 A 20081016

Abstract (en)
[origin: WO2009077227A1] The invention relates to a heat exchange system (100) having a heat exchanger (1, 101, 102) comprising an inflow surface (2) and an outflow surface (3), wherein for the exchange of heat between a transport fluid (4) and a heating medium (5) flowing through the heat exchanger (1, 101, 102) in the operating state the transport fluid (4) can be fed to the heat exchanger (1, 101, 102) via a feed surface (200) of the heat exchange system (100) and via the inflow surface (2), brought into flow contact with the heat exchanger (1, 101, 102), and removed again from the heat exchanger (1, 101, 102) via the outflow surface (3). According to the invention, the heat exchange system (100) comprises an automatic cleaning system (7) for eliminating any contamination (6).

IPC 8 full level
F28F 1/02 (2006.01); **F28F 1/24** (2006.01); **F28G 15/00** (2006.01)

CPC (source: EP US)
F28B 1/06 (2013.01 - EP US); **F28F 1/022** (2013.01 - EP US); **F28F 1/24** (2013.01 - EP US); **F28F 19/02** (2013.01 - EP US);
F28F 21/08 (2013.01 - EP US); **F28F 27/02** (2013.01 - EP US); **F28G 15/00** (2013.01 - EP US)

Citation (search report)
See references of WO 2009077227A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
WO 2009077227 A1 20090625; AT E523748 T1 20110915; AU 2008337810 A1 20090625; BR PI0822050 A2 20150728;
CA 2709639 A1 20090625; CN 101903734 A 20101201; CN 101903734 B 20121212; EP 2225528 A1 20100908; EP 2225528 B1 20110907;
JP 2011508865 A 20110317; MX 2010006030 A 20100802; US 2010258275 A1 20101014

DOCDB simple family (application)
EP 2008063994 W 20081016; AT 08862967 T 20081016; AU 2008337810 A 20081016; BR PI0822050 A 20081016; CA 2709639 A 20081016;
CN 200880122528 A 20081016; EP 08862967 A 20081016; JP 2010538510 A 20081016; MX 2010006030 A 20081016;
US 80834908 A 20081016