

Title (en)
Stacked plate heat exchanger

Title (de)
Wärmetauscher mit Plattenstapel

Title (fr)
Echangeur de chaleur à empilement de plaques

Publication
EP 1533585 B1 20080109 (FR)

Application
EP 04105885 A 20041118

Priority
FR 0350865 A 20031120

Abstract (en)
[origin: EP1533585A2] The plate has an outer casing, and partitions separating a volume defined by the casing into channels for flow of fluids. The casing has flat regions (2), where the flat regions and the channels extend in a same longitudinal direction. The flat regions and the casing are provided in a notch (10) in a longitudinal direction by opening one channel that extends till the flat regions. An independent claim is also included for a heat exchanger having several plates.

IPC 8 full level
F28F 1/02 (2006.01); **F28D 7/00** (2006.01); **F28F 7/02** (2006.01)

CPC (source: EP US)
F28D 7/0008 (2013.01 - EP US); **F28F 1/022** (2013.01 - EP US); **F28F 7/02** (2013.01 - EP US); **F28F 9/001** (2013.01 - EP US); **F28F 13/185** (2013.01 - EP US); **F28F 2255/16** (2013.01 - EP US); **F28F 2275/14** (2013.01 - EP US)

Cited by
EP3196577A4; EP3193122A1; EP3037766A1; US2019186851A1; WO2007059770A1

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

DOCDB simple family (publication)
EP 1533585 A2 20050525; EP 1533585 A3 20060426; EP 1533585 B1 20080109; AT E383561 T1 20080115; CA 2485308 A1 20050520; DE 602004011171 D1 20080221; DE 602004011171 T2 20081224; ES 2299798 T3 20080601; FR 2862747 A1 20050527; FR 2862747 B1 20080905; US 2006016587 A1 20060126; US 7222664 B2 20070529

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EP 04105885 A 20041118; AT 04105885 T 20041118; CA 2485308 A 20041118; DE 602004011171 T 20041118; ES 04105885 T 20041118; FR 0350865 A 20031120; US 99148104 A 20041119