

Title (en)
Plate heat exchanger

Title (de)
Plattenwärmetauscher

Title (fr)
Echangeur de chaleur à plaques

Publication
EP 1394491 B1 20090408 (EN)

Application
EP 03017674 A 20030814

Priority
IT VR20020051 U 20020826

Abstract (en)
[origin: EP1394491A2] A plate heat exchanger (1), comprising a plurality of mutually facing plates (2) that are hermetically coupled at at least one substantially peripheral portion (4) and form at least two separate circuits for at least two fluids, each one of said plurality of plates (2) having access ports that provide input ducts (3a) and output ducts (3b) for said at least two fluids, at least one portion (5) of at least one face of at least one of said plurality of plates (2) being uneven. <IMAGE>

IPC 8 full level
F28D 9/00 (2006.01); **F28F 3/04** (2006.01); **F28F 3/08** (2006.01); **F28F 13/18** (2006.01)

CPC (source: EP US)
F28D 9/005 (2013.01 - EP US); **F28F 3/046** (2013.01 - EP US); **F28F 13/185** (2013.01 - EP US); **Y10T 29/4935** (2015.01 - EP US)

Citation (examination)
EP 1094291 A2 20010425 - EBARA CORP [JP]

Cited by
JP2007532852A; EP3097752A4; US10224263B2; US9091494B2; US7032654B2; US9033026B2; US9389028B2; WO2005019754A1; WO2005098334A1; WO2015110865A1; WO2012004100A1; WO2009112031A3; EP1910764B1

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DOCDB simple family (publication)
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EP 03017674 A 20030814; AT 03017674 T 20030814; CA 2437780 A 20030820; DE 60327026 T 20030814; IT VR20020051 U 20020826; US 63943103 A 20030813