

Title (en)
Plate-type heat exchanger

Title (de)
Plattenwärmetauscher

Title (fr)
Echangeur de chaleur à plaques

Publication
EP 1329680 B1 20110126 (DE)

Application
EP 02009896 A 20020502

Priority
DE 10201832 A 20020118

Abstract (en)
[origin: EP1329680A1] Plate heat exchanger comprises a heating/cooling agent (10, 20) in a heat exchanger block (9) containing a number of heat exchanger passages for the heating/cooling agent, a first fluid stream (40) and a second fluid stream (30). The heat exchanger block has a first partial region in which all heat exchanger passages for the first fluid stream are arranged, and a second partial region in which all heat exchanger passages for the second fluid stream are arranged. The first and the second partial regions do not overlap. The first and the second partial regions extend over the height of the heat exchanger block. An Independent claim is also included for a process for indirect heat exchange of several fluid streams.

IPC 8 full level
F25J 3/04 (2006.01); **F25J 3/00** (2006.01); **F28D 9/00** (2006.01)

CPC (source: EP)
F25J 3/04296 (2013.01); **F25J 3/04345** (2013.01); **F25J 3/04393** (2013.01); **F25J 3/04412** (2013.01); **F25J 5/002** (2013.01); **F28D 9/0093** (2013.01); **F25J 2205/04** (2013.01); **F25J 2245/50** (2013.01); **F25J 2290/32** (2013.01); **F25J 2290/42** (2013.01)

Cited by
EP2645037A1; EP2645038A1; CN103363823A; US10605536B2; US10295252B2; US9335102B2; WO2017074544A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1329680 A1 20030723; EP 1329680 B1 20110126; AT E497138 T1 20110215; DE 10201832 A1 20030731; DE 50214880 D1 20110310

DOCDB simple family (application)
EP 02009896 A 20020502; AT 02009896 T 20020502; DE 10201832 A 20020118; DE 50214880 T 20020502