

Title (en)
PLATE-TYPE HEAT EXCHANGER

Title (de)
PLATTENWÄRMETAUSCHER

Title (fr)
ÉCHANGEUR DE CHALEUR DU TYPE À PLAQUES

Publication
EP 2980520 A1 20160203 (EN)

Application
EP 13880428 A 20131204

Priority
• JP 2013074892 A 20130329
• JP 2013082580 W 20131204

Abstract (en)
Provided is a plate heat exchanger, in which at least one first channel in a center area of a body portion is a reference channel, the body portion includes a pair of primary branch channels that provide communication between the reference channel and the first channel located on each of the one side and the other side of the reference channel, one of first communication channels communicates with the reference channel, the other of the first communication channels communicates with the first channel that serves as a terminal end of the channel of the first fluid formed by the first channels communicating with each other with the reference channel serving as a starting point, and the channel of the first fluid with the one of the primary branch channels on the one side in the stacked direction serving as a starting point and the channel of the first fluid with the other of the primary branch channels on the other side in the stacked direction serving as a starting point are arranged to be symmetrical with reference to the reference channel.

IPC 8 full level
F28F 3/08 (2006.01); **F28D 9/02** (2006.01); **F28F 9/22** (2006.01)

CPC (source: EP)
F28D 9/005 (2013.01); **F28F 2275/04** (2013.01)

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2980520 A1 20160203; **EP 2980520 A4 20161123**; **EP 2980520 B1 20190220**; CN 105026870 A 20151104; CN 105026870 B 20170524; JP 5818396 B2 20151118; WO 2014155837 A1 20141002

DOCDB simple family (application)
EP 13880428 A 20131204; CN 201380073890 A 20131204; JP 2013082580 W 20131204; JP 2015507954 A 20131204