

Title (en)
HEAT EXCHANGER PLATE WITH BYPASS ZONE

Title (de)
WÄRMETAUSCHERPLATTE MIT BYPASSZONE

Title (fr)
LAME D'ECHANGEUR DE CHALEUR A ZONE DE CONTOURNEMENT

Publication
EP 2726805 B1 20150819 (FR)

Application
EP 12730956 A 20120628

Priority
• FR 1102061 A 20110630
• EP 2012062585 W 20120628

Abstract (en)
[origin: WO2013001012A1] Plate (30) for a heat exchanger (50), said plate (30) being intended to be stacked with another plate (30) of a heat exchanger (50) to form a pair of plates (30) which are designed to allow a fluid that is to be cooled to circulate between said plates (30), the plate (30) having a zone, known as the exchange zone (ZE), intended to promote exchange of heat with the fluid and a zone capable of allowing the fluid to bypass said exchange zone, and referred to as the bypass zone (ZBP), the plate (30) being characterized in that it further comprises means (36, 37) originating at the plate (30) and configured to force the fluid to circulate through the exchange zone (ZE).

IPC 8 full level
F28D 9/00 (2006.01); **F28F 9/00** (2006.01)

CPC (source: EP US)
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F28F 9/005 (2013.01 - EP US); **F28F 13/06** (2013.01 - EP US); **F28D 2021/0082** (2013.01 - EP US); **F28F 2250/102** (2013.01 - EP US)

Cited by
DE102018129084A1; WO2020103980A1; US11143457B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2013001012 A1 20130103; CN 103890525 A 20140625; CN 108534572 A 20180914; EP 2726805 A1 20140507; EP 2726805 B1 20150819;
ES 2553447 T3 20151209; FR 2977309 A1 20130104; FR 2977309 B1 20171229; JP 2014518369 A 20140728; JP 6184946 B2 20170823;
MX 2014000208 A 20140425; MX 338390 B 20160413; PL 2726805 T3 20160429; US 2014216700 A1 20140807; US 9903661 B2 20180227

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