

Title (en)
Heat exchanger

Title (de)
Wärmeübertrager

Title (fr)
Échangeur de chaleur

Publication
EP 2863157 B1 20171227 (DE)

Application
EP 14189402 A 20141017

Priority
DE 102013221151 A 20131017

Abstract (en)
[origin: US2015107807A1] A heat exchanger having a first flow channel, through which a first fluid can flow, and having a second flow channel, through which a second fluid can flow, whereby the first flow channel has a first section, a second section, and a redirection region, whereby the first section is in fluid communication with the second section via the redirection region and the second fluid can flow around the first section, the second section, and the redirection region, and whereby the first section and/or the second section of the first flow channel are each formed by a plurality of tubes.

IPC 8 full level
F28D 7/16 (2006.01); **F02M 26/32** (2016.01); **F28D 21/00** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP US)
F02M 26/32 (2016.02 - EP US); **F28D 1/0475** (2013.01 - US); **F28D 7/1692** (2013.01 - EP US); **F28D 21/0003** (2013.01 - EP US);
F28F 2009/0292 (2013.01 - EP US)

Cited by
FR3060107A1

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

DOCDB simple family (publication)
EP 2863157 A1 20150422; **EP 2863157 B1 20171227**; CN 104567474 A 20150429; DE 102013221151 A1 20150423;
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EP 14189402 A 20141017; CN 201410549034 A 20141016; DE 102013221151 A 20131017; US 201414517405 A 20141017