

Title (en)

Heat exchanger, in particular for an automobile

Title (de)

Wärmetauscher, insbesondere für Kraftfahrzeug

Title (fr)

Échangeur de chaleur notamment pour véhicule automobile

Publication

EP 2463610 B1 20131218 (FR)

Application

EP 11190063 A 20111122

Priority

FR 1060165 A 20101207

Abstract (en)

[origin: EP2463610A1] The heat-exchanger has a beam defining heat exchange between channels (13, 15) for circulating respective fluids to exchange heat between high temperature fluids. A throttle unit i.e. comb (17), is arranged proximate to a distribution inlet for accelerating fluid flow in one of the channels comprising an acceleration conduit (19) that is arranged downstream to the throttle unit in fluid circulation direction. The throttle unit comprises a wall (23) delimiting the acceleration conduit in the channel, and defines a bottleneck (21) communicating with the acceleration conduit.

IPC 8 full level

F28D 7/16 (2006.01); **F28F 13/06** (2006.01)

CPC (source: EP)

F28D 7/1684 (2013.01); **F28F 9/0282** (2013.01); **F28F 13/06** (2013.01); **F28D 2021/0082** (2013.01); **F28F 2215/04** (2013.01)

Cited by

FR3028931A1; WO2016083479A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2463610 A1 20120613; **EP 2463610 B1 20131218**; ES 2454416 T3 20140410; FR 2968388 A1 20120608; FR 2968388 B1 20141219; PL 2463610 T3 20140829

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