

Title (en)

Heat exchanger, in particular cooler for vehicle, with two exchanging portions, in particular low temperature and high temperature portion

Title (de)

Wärmetauscher, insbesondere Kühlmittelkühler für ein Kraftfahrzeug, mit zwei Tauscherabschnitten, insbesondere einem Niedertemperatur- und einem Hochtemperaturabschnitt

Title (fr)

Echangeur thermique, en particulier radiateur de véhicule, avec deux parties d'échange, notamment une section de température basse et une section de température haute

Publication

EP 2317265 A3 20150311 (DE)

Application

EP 10188607 A 20101022

Priority

DE 102009051184 A 20091029

Abstract (en)

[origin: EP2317265A2] The exchanger has a collector (1), and another collector (2) lying opposite to the former collector. Exchanger tubes (3) are stacked in a height direction over height (h) of the exchanger. Partial amounts (A, B) of the tubes are stacked in the height direction at over partial heights (h1, h2). Low and high temperature sections are attached to the assigned to the partial amounts of the tubes. The high and low temperature sections are assigned to two fluid circuits with different temperatures. Ratio of one of the partial heights to another one of the partial heights ranges between 0.2 and 0.4.

IPC 8 full level

F28D 1/04 (2006.01); **F28D 1/053** (2006.01)

CPC (source: EP)

F28D 1/0443 (2013.01); **F28D 1/05366** (2013.01)

Citation (search report)

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- [Y] EP 1895260 A2 20080305 - DELPHI TECH INC [US]
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Cited by

US10240826B2; WO2013092644A3; EP2795230A2

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)

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DOCDB simple family (application)

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