

Title (en)
HEAT EXCHANGER

Title (de)
WÄRMEÜBERTRAGER

Title (fr)
ÉCHANGEUR DE CHALEUR

Publication
EP 2150757 A1 20100210 (DE)

Application
EP 08749432 A 20080509

Priority
• EP 2008003784 W 20080509
• DE 102007024089 A 20070522
• DE 102007054481 A 20071113

Abstract (en)
[origin: WO2008141744A1] The invention relates to a heat exchanger (1), particularly for a heating or air conditioning system for motor vehicles, comprising at least one inlet channel and at least one outlet channel and at least one collector, which has at least two metal sheets or plates abutting each other, and a flow device, through which a first medium can flow, while a second medium can flow around said flow device. The first medium is distributed by an inlet channel (2) to the collector (12) and to the flow device (8) and can be conducted to an outlet channel (3), characterized in that at least one further channel (4) for distributing the coolant is provided, which is connected in a communicating manner via at least one opening (19) to the inlet channel.

IPC 8 full level
F25B 39/02 (2006.01); **F28D 1/053** (2006.01); **F28F 13/06** (2006.01); **F28F 27/02** (2006.01)

CPC (source: EP US)
F25B 39/022 (2013.01 - EP US); **F25B 39/028** (2013.01 - EP US); **F28D 1/05391** (2013.01 - EP US); **F28F 9/0229** (2013.01 - EP US); **F28F 9/0273** (2013.01 - EP US); **F28F 9/0278** (2013.01 - EP US); **F28D 2021/0085** (2013.01 - EP US); **F28F 2275/04** (2013.01 - EP); **F28F 2275/14** (2013.01 - EP)

Citation (search report)
See references of WO 2008141744A1

Cited by
CN102853572A; US2021260966A1

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
DE 102008023055 A1 20081127; BR PI0811928 A2 20141125; CN 101680689 A 20100324; CN 101680689 B 20121114; EP 2150757 A1 20100210; EP 2150757 B1 20181024; US 2010116474 A1 20100513; US 9759492 B2 20170912; WO 2008141744 A1 20081127

DOCDB simple family (application)
DE 102008023055 A 20080509; BR PI0811928 A 20080509; CN 200880016763 A 20080509; EP 08749432 A 20080509; EP 2008003784 W 20080509; US 61956609 A 20091116