

Title (en)

HEAT EXCHANGER, IN PARTICULAR GAS COOLER

Title (de)

WÄRMEÜBERTRAGER, INSBESONDERE GASKÜHLER

Title (fr)

ECHANGEUR THERMIQUE, EN PARTICULIER REFROIDISSEUR A GAZ

Publication

EP 1926961 B1 20130102 (DE)

Application

EP 06791767 A 20060831

Priority

- EP 2006008529 W 20060831
- DE 102005042874 A 20050908

Abstract (en)

[origin: WO2007028542A1] The invention relates to a heat exchanger, in particular a gas cooler, having at least one collecting and/or distributing device (4; 104) and at least one through-flow device, wherein the collecting and/or distributing device (4; 104) has at least two flow paths for a fluid and is formed by at least two moulded parts (5; 105), wherein at least one inlet or outlet opening (8; 108) for the fluid is provided in at least one of the moulded parts (5; 105) and a connection (10; 110; 210) is attached to the moulded part (5; 105), lying flat against the outer side of the moulded part (5; 105) in close contact with it. Here, the shape of the contact surface of the connection (10; 110; 210) is adapted to the shape of the outer side of the moulded part (5; 105), which in the region of the surface in contact with the connection (10; 110; 210) has a double curvature, at least over certain regions.

IPC 8 full level

F28F 9/02 (2006.01); **F28D 1/053** (2006.01); **F28F 9/04** (2006.01)

CPC (source: EP)

F28D 1/05391 (2013.01); **F28F 9/0224** (2013.01); **F28F 9/0251** (2013.01); **F28D 2021/0073** (2013.01)

Citation (examination)

FR 2791766 A1 20001006 - VALEO THERMIQUE MOTEUR SA [FR]

Cited by

US10674630B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007028542 A1 20070315; EP 1926961 A1 20080604; EP 1926961 B1 20130102

DOCDB simple family (application)

EP 2006008529 W 20060831; EP 06791767 A 20060831