

Title (en)

HEAT EXCHANGER WITH AT LAST ONE CONNECTING ELEMENT

Title (de)

WÄRMETAUSCHER MIT MINDESTENS EINEM ANSCHLUSSELEMENT

Title (fr)

ECHANGEUR DE CHALEUR COMPORTANT AU MOINS UN ELEMENT DE RACCORDEMENT

Publication

EP 1105691 A1 20010613 (DE)

Application

EP 99923560 A 19990508

Priority

- DE 19837807 A 19980820
- EP 9903167 W 19990508

Abstract (en)

[origin: DE19837807A1] The heat exchanger (10) has at least one inlet (15) and one outlet (16) for the fluid to be cooled together with at least one coolant inlet (13) and coolant outlet (14). Connecting devices are provided for the fluid circuits and consist at least partly of holding devices which are completely part of the heat exchanger, being particularly formed by the end plates (18).

IPC 1-7

F28F 9/04

IPC 8 full level

F28F 9/04 (2006.01)

CPC (source: EP US)

F28D 9/005 (2013.01 - EP US); **F28F 9/0246** (2013.01 - EP US); **F28D 2021/0089** (2013.01 - EP US); **F28F 2275/122** (2013.01 - EP US); **F28F 2275/146** (2013.01 - EP US)

Citation (search report)

See references of WO 0011425A1

Designated contracting state (EPC)

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DE 19837807 A1 20000224; BR 9915140 A 20010717; DE 59903569 D1 20030109; EP 1105691 A1 20010613; EP 1105691 B1 20021127; US 6435271 B1 20020820; WO 0011425 A1 20000302

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