

Title (en)
HEAT-EXCHANGER, MORE PARTICULARLY EVAPORATOR FOR REFRIGERANT

Publication
EP 0256259 B1 19891011 (DE)

Application
EP 87109107 A 19870624

Priority
DE 3622952 A 19860709

Abstract (en)
[origin: US4775006A] A heat exchanger, particularly a coolant evaporator, is provided that has several flat pipes that are arranged parallel to one another and are each expanded at their ends with respect to a central part and are closed off by caps. The expanded ends are provided with connecting openings so that the heat exchange medium can flow to the adjacent pipe. At least one of the caps that are provided for closing off the pipe ends is equipped with a projection extending towards the inside of the pipe and closes off at least one of the connecting openings, so that the production of a heat exchanger of identically constructed flat pipes is simplified, in that by the insertion of corresponding caps that either expose the connecting openings to the adjacent pipes or not, it is easy to control the flow of the heat exchange medium inside the flat pipes.

IPC 1-7
F25B 39/02; **F28D 1/053**; **F28F 1/02**; **F28F 9/26**

IPC 8 full level
F25B 39/02 (2006.01); **F28D 1/053** (2006.01); **F28F 1/02** (2006.01); **F28F 9/02** (2006.01); **F28F 9/26** (2006.01)

CPC (source: EP US)
F25B 39/02 (2013.01 - EP US); **F28D 1/05375** (2013.01 - EP US); **F28F 9/0221** (2013.01 - EP US); **F28F 9/26** (2013.01 - EP US); **F28F 2220/00** (2013.01 - EP US); **Y10S 165/507** (2013.01 - EP US)

Cited by
EP0692325A1; DE19838215B4; DE19838215A1

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US 4775006 A 19881004; AT E47221 T1 19891015; DE 3622952 A1 19880121; DE 3760767 D1 19891116; EP 0256259 A1 19880224; EP 0256259 B1 19891011; ES 2011469 B3 19900116; JP S6317390 A 19880125

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