

Title (en)
Heat exchanger

Title (de)
Wärmetauscher

Title (fr)
Échangeur de chaleur

Publication
EP 1726906 A1 20061129 (EN)

Application
EP 06114586 A 20060526

Priority
JP 2005155301 A 20050527

Abstract (en)
A heat exchanger which is favorably used as a condenser includes a pair of headers (2, 3) arranged apart from each other, and a plurality of heat exchange tubes (4) arranged between the headers (2, 3) and having opposite end portions connected to the corresponding headers (2, 3). At least one of the headers (2, 3) is partitioned by means of a partition member (8) into a plurality of header sections (2b, 2c) arranged in the longitudinal direction of the header (2). An outlet-side joint member (14) having a refrigerant channel (15) communicating with a refrigerant outlet (9), and adapted to connect a refrigerant outlet pipe is fixed to the header (2) which is partitioned into the plurality of header sections (2b, 2c). The partition member (8) is integrally formed on the outlet-side joint member (14). This heat exchanger exhibits an improvement in workability in terms of provisional fixation of a partition member.

IPC 8 full level
F28F 9/02 (2006.01); **F28F 9/04** (2006.01)

CPC (source: EP)
F28D 1/05375 (2013.01); **F28F 9/0212** (2013.01); **F28F 9/0246** (2013.01); **F28F 9/0251** (2013.01)

Citation (search report)
• [XY] US 5022464 A 19910611 - AOKI HISAO [JP], et al
• [X] DE 29719311 U1 19990304 - AUTOKUEHLER GMBH & CO KG [DE]
• [Y] US 5477919 A 19951226 - KARUBE TOSHIKATSU [JP]

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1726906 A1 20061129

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EP 06114586 A 20060526