

Title (en)
HEAT EXCHANGER AND REFRIGERATION DEVICE

Title (de)
WÄRMETAUSCHER UND KÜHLVORRICHTUNG

Title (fr)
ÉCHANGEUR DE CHALEUR ET DISPOSITIF DE RÉFRIGÉRATION

Publication
EP 2799804 A4 20141217 (EN)

Appication
EP 12861123 A 20121226

Priority
• JP 2011290120 A 20111228
• JP 2012083584 W 20121226

Abstract (en)
[origin: EP2799804A1] Provided are a heat exchanger and a refrigeration device, whereby it is possible to ensure good water drainage on cover members, while maintaining a good state of fastening between the cover members and a header collection pipe body. A heat exchanger (20) is provided with a header collection pip (22, 23) to which are connected flat multi-hole pipes (21b) having a plurality of heat transfer fins (21a) joined thereto. The header collection pipe (22,23) includes a header collection pipe body (50), and a baffle (60) as a partitioning plate. The header collection pipe body (50) is provided so that the longitudinal direction thereof is vertically oriented. The baffle (60) serving as a cover member is furnished inside from the upper end of the header collection pipe body (50), and closes off the upper side of the header collection pipe body (50). The header collection pipe body (50) has a pipe end section (53) that extends upward past the baffle (60) serving as a cover member. A drainage slot (52) is formed in a part of the pipe end section (53).

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Citation (search report)
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• [A] JP 2003004395 A 20030108 - ZEXEL VALEO CLIMATE CONTR CORP
• [A] EP 1832831 A2 20070912 - DELPHI TECH INC [US]
• [A] EP 1275926 A2 20030115 - CALSONIC KANSEI CORP [JP]
• [A] JP H0314578 U 19910214
• See references of WO 2013099911A1

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EP3220093A4; GB2537105A

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