

Title (en)
Heat exchanger

Title (de)
Wärmetauscher

Title (fr)
Echangeur de chaleur

Publication
EP 0798530 A1 19971001 (EN)

Application
EP 96119229 A 19961129

Priority
JP 10337696 A 19960329

Abstract (en)
A heat exchanger has a tank (6) formed from at least first and second tank members (11, 12, 17) connected to each other and at least one partition (10) disposed in the tank (6) for dividing the interior of the tank (6) into at least two chambers (6a, 6b). A pair of protrusions (13a, 13b) extending in a circumferential direction of the inner surface of the tank (6) and arranged in an axial direction of the tank (6) are provided on the inner surface of the first tank member (11) to hold an edge portion (10a) of the partition (10) therebetween. The protrusions (13a, 13b) can be provided without forming a thinner and weaker portion on the tank (6). The partition (10) can be disposed easily and precisely at a predetermined position in the tank (6) by the function of the pair of protrusions (13a, 13b). Further, a good brazing condition can be realized easily and naturally. <IMAGE>

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F28F 9/02

IPC 8 full level
F28D 1/03 (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP)
F28F 9/0212 (2013.01); **F28F 9/0224** (2013.01)

Citation (applicant)
• JP H07103683 A 19950418 - NIPPON DENSO CO
• JP H0254078 A 19900223 - SANKYO SEIKI SEISAKUSHO KK

Citation (search report)
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• [A] EP 0521489 A1 19930107 - THERMAL WAERME KAELE KLIMA [DE]
• [DY] PATENT ABSTRACTS OF JAPAN vol. 95, no. 7 31 August 1995 (1995-08-31)

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