

Title (en)

Heat exchange fin for heat exchanger with brazed plates, and heat exchanger using same

Title (de)

Wärmeaustauschrippe für Wärmetauscher mit hartgelöteten Platten und Wärmetauscher zu deren Verwendung

Title (fr)

Ailette d'échange thermique pour échangeur de chaleur à plaques brasées, et échangeur de chaleur correspondant

Publication

EP 1172625 A3 20031119 (FR)

Application

EP 01401708 A 20010627

Priority

FR 0009033 A 20000711

Abstract (en)

[origin: EP1172625A2] The heat exchanger fin system, made from corrugated and perforated or slitted metal sheet, has the main direction (F1) of its corrugations (14) lying at an oblique angle to its two lateral edges (13). The general direction (F2) with least resistance to the fluid flow forms a substantial angle with the main direction of corrugation and lies parallel to the lateral edges, while the sides of the corrugations have ridges to promote a transverse fluid movement relative to the general direction of least resistance and to create turbulence.

IPC 1-7

F28F 3/02; **F28F 13/12**; **F28D 9/00**

IPC 8 full level

F28F 3/06 (2006.01); **F25J 3/00** (2006.01); **F28D 9/00** (2006.01); **F28D 9/02** (2006.01); **F28F 3/02** (2006.01); **F28F 13/12** (2006.01)

CPC (source: EP US)

F25J 5/002 (2013.01 - EP US); **F28D 9/0068** (2013.01 - EP US); **F28D 9/0093** (2013.01 - EP US); **F28F 3/027** (2013.01 - EP US); **F25J 2290/32** (2013.01 - EP US); **F25J 2290/42** (2013.01 - EP US); **F28D 2021/0033** (2013.01 - EP US); **F28F 2250/108** (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (application)

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