

Title (en)

Finned heat transfer wall

Title (de)

Mit Rippenzug versehene Wärmetauscherwand

Title (fr)

Paroi ailetée pour échangeur de chaleur

Publication

EP 1118831 A3 20011212 (DE)

Application

EP 00810953 A 20001016

Priority

DE 19963373 A 19991228

Abstract (en)

[origin: EP1118831A2] The arrangement has at least one series of ribs (4) inducing turbulence in a medium flowing through the flow channel, attached to the side of the channel wall (3) facing the channel and whose main longitudinal direction is at a non-zero angle to the flow direction (7). The series of ribs has sections along at least part of its length whose axes (8) are at a non-zero angle to the main longitudinal direction of the series of ribs.

IPC 1-7

F28F 13/12

IPC 8 full level

F28F 1/40 (2006.01); **F28F 13/12** (2006.01)

CPC (source: EP US)

F28F 1/40 (2013.01 - EP US); **F28F 13/12** (2013.01 - EP US)

Citation (search report)

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- [A] US 4314587 A 19820209 - HACKETT CHARLES D
- [A] FR 1300121 A 19620803 - SEPI
- [A] US 5979548 A 19991109 - RHODES RICHARD O [US], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 07 31 July 1997 (1997-07-31)
- [XY] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 13 30 November 1998 (1998-11-30)

Designated contracting state (EPC)

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DOCDB simple family (application)

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