

Title (en)
Heat exchanger and corrugated fin

Title (de)
Wärmetauscher und Wellrippe

Title (fr)
Echangeur de chaleur et ailette ondulée

Publication
EP 1574801 A3 20060517 (DE)

Application
EP 05003995 A 20050224

Priority
DE 102004012427 A 20040313

Abstract (en)
[origin: EP1574801A2] The sinusoidal shape is formed with straight flanks (3) and sharp bends at the tips of the ridges and the bottoms of the troughs. The flanks of the sinusoidal shape are perforated to form slits. The metal is then bent to form an array of tongues or louvers (7) with channels (4) through which air can flow. The orientation of the louvers may be changed on the centerline of each strip.

IPC 8 full level
F28F 1/12 (2006.01); **F28D 1/053** (2006.01); **F28F 1/34** (2006.01)

CPC (source: EP US)
F28D 1/0535 (2013.01 - EP US); **F28F 1/128** (2013.01 - EP US); **F28F 1/34** (2013.01 - EP US)

Citation (search report)

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- [PX] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12 5 December 2003 (2003-12-05)
- [X] PATENT ABSTRACTS OF JAPAN vol. 008, no. 020 (M - 271) 27 January 1984 (1984-01-27)

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EP1793190A1; EP2612100A4; WO2012152265A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

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