

Title (en)
Heat Exchange Coil

Title (de)
Wärmetauscher-Rohrschlange

Title (fr)
Echangeur de chaleur à serpentin

Publication
EP 0845649 A3 19990414 (EN)

Application
EP 97119398 A 19971106

Priority

- JP 31751396 A 19961128
- JP 2334397 A 19970121

Abstract (en)
[origin: EP0845649A2] A heat exchange coil wherein fin groups (5,6,10) composed of plural plate fins (1) parallel to each other are disposed at a specified interval in the draft direction, and pipes (2) for passing heat medium penetrate into these plural plate fins (1) plural times in the draft direction, thereby enhancing the heat transmission ability and heat exchange efficiency, and preventing drain from dispersing.

IPC 1-7
F28F 1/32; **F28D 1/047**; **F24F 3/14**

IPC 8 full level
F24F 3/14 (2006.01); **F28D 1/047** (2006.01); **F28D 5/02** (2006.01); **F28F 1/32** (2006.01)

CPC (source: EP)
F24F 3/14 (2013.01); **F28D 1/0477** (2013.01); **F28D 5/02** (2013.01); **F28F 1/32** (2013.01)

Citation (search report)

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- [Y] PATENT ABSTRACTS OF JAPAN vol. 007, no. 283 (M - 263) 16 December 1983 (1983-12-16)
- [X] PATENT ABSTRACTS OF JAPAN vol. 010, no. 357 (M - 540) 2 December 1986 (1986-12-02)

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Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 0845649 A2 19980603; **EP 0845649 A3 19990414**; AU 4441397 A 19980604; CA 2222402 A1 19980528; CN 1184245 A 19980610; ID 18982 A 19980528; KR 19980042618 A 19980817

DOCDB simple family (application)
EP 97119398 A 19971106; AU 4441397 A 19971110; CA 2222402 A 19971127; CN 97122649 A 19971126; ID 973724 A 19971120; KR 19970061370 A 19971120