

Title (en)
Static heat exchanger

Title (de)
Stehender Wärmetauscher

Title (fr)
Echangeur de chaleur statique

Publication
EP 0971194 A3 20001011 (DE)

Application
EP 99113248 A 19990708

Priority
DE 29812232 U 19980709

Abstract (en)
[origin: EP0971194A2] A spiral sloping coil (13) fills the space (15) between the inner and outer heat exchanger and/or a sloping coil (14) is wound onto the outer heat exchanger in the outer part (16) and occupies the space (16) between the outer heat exchanger and housing-wall.

IPC 1-7
F28D 7/02; **F24H 1/00**

IPC 8 full level
F24H 1/00 (2006.01); **F24H 1/16** (2006.01); **F28D 7/02** (2006.01)

CPC (source: EP)
F24H 1/165 (2013.01)

Citation (search report)

- [A] FR 2091365 A5 19720114 - SULZER AG
- [A] WO 8601282 A1 19860227 - VULCAN AUSTRALIA [AU]
- [A] DE 9310430 U1 19930909 - KAERCHER GMBH & CO ALFRED [DE]
- [A] FR 985262 A 19510717

Cited by
DE10121805A1; EP1279903A3; CN109715779A; EP1255085A2

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

DOCDB simple family (publication)
DE 29812232 U1 19990909; DE 59904020 D1 20030220; DK 0971194 T3 20030414; EP 0971194 A2 20000112; EP 0971194 A3 20001011; EP 0971194 B1 20030115

DOCDB simple family (application)
DE 29812232 U 19980709; DE 59904020 T 19990708; DK 99113248 T 19990708; EP 99113248 A 19990708