

Title (en)
A HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER

Title (fr)
ECHANGEUR DE CHALEUR

Publication
EP 1055095 A4 20021120 (EN)

Application
EP 99901250 A 19990120

Priority
• NZ 9900005 W 19990120
• NZ 32962998 A 19980123

Abstract (en)
[origin: WO9937965A1] A direct expansion contact heat exchanger (10) which has a plurality of inter-connected overlapping heat exchange elements (14). The heat exchange elements are removably located within a housing (11). The housing (11) has an inlet (15) and an outlet (16) so that in use the flow of fluid through the housing (11) between adjacent overlapping heat exchange elements (14) can occur. The heat exchange elements (14) are connectable to heat exchange medium via an inlet (18) and an outlet (19). The heat exchange elements (14) can be substantially disc shaped with a sector thereof removed.

IPC 1-7
F28F 3/08; **F28D 3/00**; **F28D 21/00**

IPC 8 full level
F28D 9/00 (2006.01); **F28F 3/08** (2006.01)

CPC (source: EP)
F28D 9/0012 (2013.01); **F28D 9/0043** (2013.01); **F28F 3/083** (2013.01); **F28F 2250/102** (2013.01)

Citation (search report)
• [Y] DE 3536316 A1 19870416 - SUEDEDEUTSCHE KUEHLER BEHR [DE]
• [Y] GB 743772 A 19560125 - IDA VIOLET DAWSON
• [Y] GB 901933 A 19620725 - TORSTEN RAMEN
• [A] US 2932490 A 19600412 - ERIK OLANDER KARL
• See references of WO 9937965A1

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

DOCDB simple family (publication)
WO 9937965 A1 19990729; AU 2078899 A 19990809; AU 752390 B2 20020919; EP 1055095 A1 20001129; EP 1055095 A4 20021120

DOCDB simple family (application)
NZ 9900005 W 19990120; AU 2078899 A 19990120; EP 99901250 A 19990120