

Title (en)
HEAT PUMP

Publication
EP 0184181 A3 19880113 (DE)

Application
EP 85115297 A 19851203

Priority
HU 446184 A 19841203

Abstract (en)
[origin: US4688397A] A hybrid heat pump wherein the operating medium is a mixture of media which dissolve in each other and have different boiling points. The condensation and/or the evaporation is performed on more than one pressure levels and at variable temperatures. The compressor performs the suction on more than one pressure levels and performs the discharge on more than one pressure level. Between low pressure operating medium (p1, p2) and large pressure operating medium (p3, p4, p5) the heat transfer is performed by the internal heat exchangers.

IPC 1-7
F25B 25/02; **F25B 11/00**; **F25B 5/00**; **F25B 1/04**

IPC 8 full level
F25B 1/00 (2006.01); **F25B 1/04** (2006.01); **F25B 5/00** (2006.01); **F25B 9/00** (2006.01); **F25B 11/00** (2006.01); **F25B 11/02** (2006.01); **F25B 25/02** (2006.01)

CPC (source: EP US)
F25B 1/04 (2013.01 - EP US); **F25B 5/00** (2013.01 - EP US); **F25B 9/006** (2013.01 - EP US); **F25B 11/02** (2013.01 - EP US)

Citation (search report)
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Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0184181 A2 19860611; **EP 0184181 A3 19880113**; **EP 0184181 B1 19901024**; AT E57763 T1 19901115; CA 1262057 A 19891003; DE 3580249 D1 19901129; DK 161482 B 19910708; DK 161482 C 19911216; DK 553885 A 19860604; DK 553885 D0 19851129; HU 198328 B 19890928; HU T41526 A 19870428; JP S61180861 A 19860813; NO 164738 B 19900730; NO 164738 C 19901114; NO 854845 L 19860604; US 4688397 A 19870825

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