Title (en)
Refrigerant circuit with rotary compressor.

Title (de)
Kältemittelkreislauf mit Drehverdichter.

Title (fr)
Circuit de réfrigérant à compresseur rotatif.

Publication
EP 0246465 A1 19871125 (EN)

Application
EP 87106106 A 19870428

Priority
IT 4572886 A 19860520

Abstract (en)
Described is a refrigerant circuit for domestic refrigerating apparatus operating at two temperatures and including a rotary compressor (5). The circuit includes a thermostatically controlled solenoid valve (7) having an inlet (8) and two outlets (9, 10) both of which are adapted to be closed when the compressor (5) is inoperative, and to be separately and selectively opened when the compressor (5) is in operation.

IPC 1-7
F25B 5/00; F16K 31/06

IPC 8 full level
F25B 5/04 (2006.01)

CPC (source: EP)
F25B 5/04 (2013.01); F25B 2600/2511 (2013.01)

Citation (search report)
- [Y] GB 2154722 A 19850911 - TOSHIBA KK
- [Y] GB 575440 A 19460218 - HEYWOOD COMPRESSOR COMPANY LTD, et al
- [A] US 2481605 A 19490913 - EARLE MACLEOD DAVID
- [A] US 2333899 A 19431109 - STICKEL CARL A
- [A] DE 723128 C 19420729 - LUMOPHON WERKE BRUCKNER & STAR
- [A] EP 0061104 A2 19820929 - INDESIT [IT]
- [A] US 3842860 A 19741022 - STAMPFLI H
- [A] US 2423386 A 19470701 - HUBACKER EARL F
- [A] EP 0165220 A2 19851218 - ELECTROLUX AB [SE]
- [A] US 4242116 A 19801230 - ASCHBERGER MATTHIAS [DE], et al
- [A] SOVIET INVENTIONS ILLUSTRATED, section III, Mechanical & General, June 1966, page 9, Derwent Publications Ltd, London, GB; & SU-A-175 363 (G.D. TASHKINOV et al.) 22-05-1963

Cited by
EP2012049A3; EP0990862A1; CN108759177A; EP1176346A3; EP1030133A1; EP0987504A1; EP1394480A3; US10544979B2; US6185948B1; WO0246668A1; EP1182389A1; US6253561B1; WO2017153141A1; WO9932836A1; WO2007074094A1; WO0049344A1; KR101314620B1

Designated contracting state (EPC)
CH DE ES FR GB IT LI

DOCDB simple family (publication)
EP 0246465 A1 19871125; IT 1192083 B 19880331; IT 8645728 A0 19860520

DOCDB simple family (application)
EP 87106106 A 19870428; IT 4572886 A 19860520