

Title (en)
REFRIGERANT CIRCUIT FOR A REFRIGERATOR-FREEZER COMBINATION

Publication
EP 0119579 A3 19850612 (EN)

Application
EP 84102693 A 19840312

Priority
IT 4570683 A 19830314

Abstract (en)
[origin: EP0119579A2] A refrigerant circuit for a refrigerator-freezer combination comprises a single compressor, an evaporator each for a refrigerating compartment and a freezer compartment, a condenser and at least one capillary. The invention provides the connection of the two evaporators (17, 18) in series, and the employ of two series-connected capillaries (14, 15) one of which is bypassed with the aid of a solenoid valve (16). With respect to an electric control circuit, the invention provides that a thermostat (23) associated with the refrigerating compartment controls the solenoid valve (16) and a defroster resistor (22) of the refrigerating compartment, while a thermostat (21) associated with the freezer compartment is connected to the compressor (10) and to the thermostat (23) associated with the refrigerating compartment.

IPC 1-7
F25B 5/00; **F25B 49/00**

IPC 8 full level
F25B 5/04 (2006.01)

CPC (source: EP)
F25B 5/04 (2013.01); **F25D 2400/30** (2013.01)

Citation (search report)

- US 2133964 A 19381025 - BUCHANAN LESLIE B M
- US 2687020 A 19540824 - STAEBLER LLOYD A, et al
- US 2780441 A 19570205 - RHODES HERBERT C
- DE 2035207 A1 19720127 - AEG
- FR 2247684 A1 19750509 - BOSCH SIEMENS HAUSGERAETE [DE]
- FR 2347634 A1 19771104 - BOSCH SIEMENS HAUSGERAETE [DE]
- US 2667757 A 19540202 - SHOEMAKER MALCOLM G
- FR 2323966 A2 19770408 - BOSCH SIEMENS HAUSGERAETE [DE]
- DE 2359481 A1 19740711 - DKK SCHARFENSTEIN VEB
- FR 2317859 A7 19770204 - BOSCH SIEMENS HAUSGERAETE [DE]

Cited by
CN107388645A

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

DOCDB simple family (publication)
EP 0119579 A2 19840926; **EP 0119579 A3 19850612**; ES 530609 A0 19850301; ES 8503823 A1 19850301; IT 1195592 B 19881019; IT 8345706 A0 19830314; IT 8345706 A1 19840914

DOCDB simple family (application)
EP 84102693 A 19840312; ES 530609 A 19840314; IT 4570683 A 19830314