

Title (en)

Automatic refrigeration apparatus with defrost control

Title (de)

Automatisches Kältegerät mit Abtauststeuerung

Title (fr)

Appareil frigorifique automatique avec commande de dégivrage

Publication

**EP 1070925 A1 20010124 (EN)**

Application

**EP 00112357 A 20000609**

Priority

IT PN990062 A 19990720

Abstract (en)

The refrigeration apparatus comprises a refrigeration circuit governed by control means (17) to cool down a compartment (4) that is accessible through a door (22). Said control means are driven by a plurality of sensors (12-16) and are in turn adapted to drive the functional component parts (6, 9, 10) of the apparatus in view of carrying out evaporator (7) defrost phases. The control means (17) determine the beginning of said defrost phases according to a first or a second mode of operation when a condition in which the door (22) is substantially opened or is substantially closed, respectively, is detected. <IMAGE>

IPC 1-7

**F25D 21/00**

IPC 8 full level

**F25D 21/00** (2006.01); **F25D 21/08** (2006.01)

CPC (source: EP)

**F25D 21/006** (2013.01); **F25B 2700/2116** (2013.01); **F25B 2700/2117** (2013.01); **F25D 21/08** (2013.01); **F25D 2700/02** (2013.01); **F25D 2700/12** (2013.01); **F25D 2700/14** (2013.01)

Citation (applicant)

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- JP H09159328 A 19970620 - MATSUSHITA ELECTRIC IND CO LTD

Citation (search report)

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- [Y] US 5809789 A 19980922 - BAKER PHILIP L [US], et al
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- [X] US 4327556 A 19820504 - ZAMPINI JOSEPH J, et al
- [A] EP 0707183 A2 19960417 - ROYAL VENDORS INC [US]
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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 1070925 A1 20010124**; **EP 1070925 B1 20040901**; DE 60013374 D1 20041007; DE 60013374 T2 20050224; IT 1311702 B1 20020319; IT PN990062 A0 19990720; IT PN990062 A1 20010120

DOCDB simple family (application)

**EP 00112357 A 20000609**; DE 60013374 T 20000609; IT PN990062 A 19990720