

Title (en)

Refrigerating and/or freezing appliance and method for controlling the same

Title (de)

Kühl- und/oder Gefriergerät sowie Verfahren zur Steuerung desselben

Title (fr)

Appareil de réfrigération et/ou de congélation ainsi que méthode de commande de celui-ci

Publication

**EP 1722177 A2 20061115 (DE)**

Application

**EP 06009670 A 20060510**

Priority

- DE 202005007488 U 20050511
- DE 102005045585 A 20050923

Abstract (en)

The appliance has a refrigerating circuit (11) with a compressor (12), a condenser (13), capillary tubes (14, 15), and evaporators. A controller (18) controls the flow of the refrigerant through the circuit. The controller includes heating units (16, 17) for heating the capillary tube and for generation of steam in the capillary tube, such that the flow of the refrigerant through the refrigerant circuit is controlled. An independent claim is also included for a method of controlling a refrigerating and/or freezing appliance.

IPC 8 full level

**F25B 5/04** (2006.01); **F25B 41/06** (2006.01)

CPC (source: EP KR US)

**F25B 5/04** (2013.01 - EP KR US); **F25B 41/26** (2021.01 - KR); **F25B 41/37** (2021.01 - EP KR US); **F25D 29/00** (2013.01 - KR); **F25B 2400/01** (2013.01 - EP KR US); **F25B 2600/2513** (2013.01 - EP KR US); **F25D 2700/10** (2013.01 - KR); **F25D 2700/12** (2013.01 - EP KR US); **F25D 2700/122** (2013.01 - EP US); **F25D 2700/14** (2013.01 - EP KR US)

Cited by

WO2008119808A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1722177 A2 20061115**; CA 2546030 A1 20061111; CN 1865817 A 20061122; CN 1865817 B 20110420; DE 102005045585 A1 20061116; KR 100769750 B1 20071023; KR 20060116749 A 20061115; RU 2006115867 A 20071127; US 2006266077 A1 20061130

DOCDB simple family (application)

**EP 06009670 A 20060510**; CA 2546030 A 20060510; CN 200610091658 A 20060511; DE 102005045585 A 20050923; KR 20060042347 A 20060511; RU 2006115867 A 20060510; US 43198506 A 20060511