

Title (en)

No-frost plural-compartment refrigerator

Title (de)

Kühlschrank mit mehreren Fächern ohne Eisbildung

Title (fr)

Réfrigérateur à plusieurs compartiments sans formation de givre

Publication

**EP 0541172 B1 19960626 (EN)**

Application

**EP 92203374 A 19921104**

Priority

IT MI912985 A 19911108

Abstract (en)

[origin: EP0541172A2] The refrigerator comprises at least two compartments (1, 2), one (1) at lower temperature and the other (2) at higher temperature, and a frigorific circuit (8) including an evaporator (7) in a position of thermal exchange with the compartment (1) at lower temperature, a condenser (10) and a compressor (9) that can be disconnected periodically when the temperature inside the compartment (1) at lower temperature falls below a pre-set minimum value. A fan (16) determines a forced circulation of air through said evaporator (7) and inside said compartments (1, 2). There are valve means (22) that, when the compressor (9) is disactivated, are in a position where they close the compartment (1) at lower temperature against said forced circulation of air and where they convey all said air to the compartment (2) at higher temperature. <IMAGE>

IPC 1-7

**F25D 17/06**; F25D 21/04

IPC 8 full level

**F25D 17/06** (2006.01); **F25D 17/04** (2006.01)

CPC (source: EP)

**F25D 17/065** (2013.01); **F25D 17/045** (2013.01); **F25D 2317/0653** (2013.01); **F25D 2317/067** (2013.01); **F25D 2400/04** (2013.01); **F25D 2700/122** (2013.01)

Cited by

EP0644385A1; CN106766538A; US5822998A; CN103062976A; GB2496948A; GB2496948B; EP0592004A1; US5433086A; GB2496949A; WO2004005814A1; WO0216843A1; WO9527178A1; EP0845643B1

Designated contracting state (EPC)

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