

Title (en)

FREEZER COMPRISING A DEFROST FUNCTION AND OPERATING METHOD THEREFOR

Title (de)

GEFRIERGERÄT MIT ABTAUFUNKTION UND BETRIEBSVERFAHREN DAFÜR

Title (fr)

APPAREIL DE CONGELATION POURVU D'UNE FONCTION DE DEGIVRAGE ET SON PROCEDE DE FONCTIONNEMENT

Publication

**EP 1508007 B1 20101027 (DE)**

Application

**EP 03752736 A 20030513**

Priority

- DE 10221904 A 20020516
- EP 0305004 W 20030513

Abstract (en)

[origin: US7320226B2] A freezer includes a refrigeration surface that can be frozen, such as an evaporator surface, a heating device for heating the refrigeration surface, and a control circuit for controlling the operation of the heating device in accordance with a timer. The control circuit is configured to block the operation of the heating device for a time period that is defined by the timer. The timer is used to ensure that the refrigeration surface is only heated to defrost the freezer, if the refrigeration power requirement of the latter is low.

IPC 8 full level

**F25D 21/00** (2006.01); **F25D 17/06** (2006.01); **F25D 21/08** (2006.01)

CPC (source: EP US)

**F25D 21/008** (2013.01 - EP US); **F25D 17/062** (2013.01 - EP US); **F25D 21/08** (2013.01 - EP US); **F25D 2700/02** (2013.01 - EP US);  
**F25D 2700/10** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 03098134 A1 20031127**; AT E486256 T1 20101115; BR 0309948 A 20050301; CN 100374800 C 20080312; CN 1653307 A 20050810;  
DE 10221904 A1 20031204; DE 50313221 D1 20101209; EP 1508007 A1 20050223; EP 1508007 B1 20101027; ES 2353114 T3 20110225;  
PL 202376 B1 20090630; PL 371493 A1 20050627; RU 2004133383 A 20050720; RU 2313742 C2 20071227; US 2005066667 A1 20050331;  
US 7320226 B2 20080122

DOCDB simple family (application)

**EP 0305004 W 20030513**; AT 03752736 T 20030513; BR 0309948 A 20030513; CN 03811129 A 20030513; DE 10221904 A 20020516;  
DE 50313221 T 20030513; EP 03752736 A 20030513; ES 03752736 T 20030513; PL 37149303 A 20030513; RU 2004133383 A 20030513;  
US 98096804 A 20041104