

Title (en)

A COOLING DEVICE AND ITS CONTROL METHOD

Title (de)

KÜHLVORRICHTUNG UND IHR STEUERVERFAHREN

Title (fr)

APPAREIL RÉFRIGÉRANT ET SON PROCÉDÉ DE COMMANDE

Publication

EP 1730457 A1 20061213 (EN)

Application

EP 05708972 A 20050308

Priority

- IB 2005050846 W 20050308
- TR 200400456 A 20040308

Abstract (en)

[origin: WO2005088215A1] This invention relates to a cooling device (1) which enables a decrease of the energy consumption cost of the user as a consequence of a decrease in the number of defrost procedures which is performed by taking into consideration the temperature of freshfood compartment (T1) during the defrost process taking place when the doors (4) are closed.

IPC 8 full level

F25D 21/00 (2006.01); **F25D 11/02** (2006.01)

CPC (source: EP KR)

F25D 11/02 (2013.01 - KR); **F25D 21/006** (2013.01 - EP KR); **F25D 29/00** (2013.01 - KR); **F25B 2600/23** (2013.01 - EP KR);
F25D 11/02 (2013.01 - EP); **F25D 2600/06** (2013.01 - KR); **F25D 2700/02** (2013.01 - EP KR); **F25D 2700/12** (2013.01 - EP KR)

Citation (search report)

See references of WO 2005088215A1

Cited by

WO2020135979A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005088215 A1 20050922; CN 100460788 C 20090211; CN 1934401 A 20070321; EP 1730457 A1 20061213; EP 1730457 B1 20170628;
KR 100780101 B1 20071130; KR 20060126808 A 20061208; RU 2006135377 A 20080420; RU 2337283 C2 20081027;
TR 200604831 T1 20070122

DOCDB simple family (application)

IB 2005050846 W 20050308; CN 200580007421 A 20050308; EP 05708972 A 20050308; KR 20067018293 A 20060907;
RU 2006135377 A 20050308; TR 200604831 T 20050308