

Title (en)

A method of regulating defrost operation in cooling devices

Title (de)

Verfahren zur Regulierung des Entfrostongsbetriebs bei Kühlvorrichtungen

Title (fr)

Procédé de régulation d'une opération de dégivrage dans des dispositifs de refroidissement

Publication

EP 2336688 A2 20110622 (EN)

Application

EP 10193317 A 20101201

Priority

TR 200909355 A 20091211

Abstract (en)

The method according to the present invention is developed for cooling devices capable to detect defrost time, wherein the starting time of a defrost process is regulated by this method. In a first step of this method, the data indicating that new foodstuff is placed to the freezer compartment of a cooling device is entered to the control unit of the cooling device by a user, then in a second step following this data entry, the device keeps continuing the cooling process, and thereafter in a third step, the user is alerted by means of a signal generator connected to the control unit after a while. In a fourth step of this method, new foodstuffs are put to the freezer compartment after said alert, and the cooling process is continued, and in a fifth step, if it is determined by the device that it is time to perform a defrost operation after new foodstuff is loaded to the compartment, the defrost operation can be delayed to a future time.

IPC 8 full level

F25D 21/00 (2006.01)

CPC (source: EP)

F25D 21/006 (2013.01); **F25D 2400/361** (2013.01); **F25D 2600/02** (2013.01); **F25D 2700/02** (2013.01); **F25D 2700/122** (2013.01)

Citation (applicant)

US 4297852 A 19811103 - BROOKS ROBERT B

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2336688 A2 20110622; **EP 2336688 A3 20130403**; **EP 2336688 B1 20140212**; TR 200909355 A2 20110621

DOCDB simple family (application)

EP 10193317 A 20101201; TR 200909355 A 20091211