

Title (en)

Method for controlling a domestic refrigeration appliance

Title (de)

Verfahren zur Regelung eines Haushaltskältegerät

Title (fr)

Procédé de commande d'un appareil frigorifique domestique

Publication

EP 2719978 A1 20140416 (EN)

Application

EP 12188551 A 20121015

Priority

EP 12188551 A 20121015

Abstract (en)

A method for controlling a domestic refrigeration appliance comprising an evaporator, a first temperature sensor placed in the cavity of the refrigeration appliance and a second temperature sensor placed on the evaporator, comprises estimating the amount of frost on the evaporator on the basis of an integral over time of the difference between the temperature of the cavity and the temperature of the evaporator and performing a defrost cycle when the above integral is above a predetermined threshold value.

IPC 8 full level

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CPC (source: EP)

F25D 21/006 (2013.01); **F25D 21/02** (2013.01); **F25D 2700/10** (2013.01); **F25D 2700/121** (2013.01)

Citation (applicant)

- US 6715304 B1 20040406 - WYCOFF LYMAN W [US]
- KR 20110007334 A 20110124 - WINIAMANDO INC [KR]

Citation (search report)

- [A] WO 0235165 A1 20020502 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] GB 2133867 A 19840801 - NEWTECH CONTROLS LTD
- [A] EP 0285690 A1 19881012 - VIESSMANN WERKE KG [DE]
- [A] GB 2456744 A 20090729 - EBAC LTD [GB]
- [A] US 2085868 A 19370706 - ERIC PICK

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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)

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