

Title (en)

Method for determining thaw times

Title (de)

Verfahren zum Bestimmen von Abtauzeitpunkten

Title (fr)

Procédé de détermination de moments de décongélation

Publication

EP 2717002 B1 20190102 (DE)

Application

EP 12187607 A 20121008

Priority

EP 12187607 A 20121008

Abstract (en)

[origin: EP2717002A1] The method involves providing a refrigeration unit with a refrigeration circuit flowing-through to a refrigerant with an evaporator, which is provided in a heat exchange relationship with the ambient air. The ambient air temperature (12) and the evaporation temperature (14) of the refrigerant are determined in the evaporator. The defrosting time (30) is determined in response to a temperature difference between the ambient air temperature and the evaporation temperature. A ventilator is provided with a rotational speed (20), which supplies ambient air to the evaporator. An independent claim is included for a refrigerator, particularly for a heat pump with a control unit.

IPC 8 full level

F25D 21/00 (2006.01)

CPC (source: EP)

F25D 21/006 (2013.01); **F24F 11/42** (2017.12); **F25B 2700/197** (2013.01); **F25B 2700/21171** (2013.01); **F25D 2700/10** (2013.01)

Citation (examination)

JP H10227555 A 19980825 - TOSHIBA CORP, et al

Cited by

US11561037B2; CN113915734A

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

DOCDB simple family (publication)

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