

Title (en)

Refrigeration appliance with automatic time-determined defrost

Title (de)

Kühlgerät mit automatischer zeitbestimmter Entfroston

Title (fr)

Appareil frigorifique à dégivrage automatique déterminé par l'heure

Publication

EP 1496324 B1 20130918 (EN)

Application

EP 04103090 A 20040630

Priority

IT MI20031395 A 20030709

Abstract (en)

[origin: EP1496324A1] A refrigeration appliance (refrigerator, freezer and the like), comprising an evaporator (5), a compressor (8) and electrical defrost means (6) for said evaporator (5), in which a microprocessor (13) is present, associated with time measurement means (15, 18) providing the microprocessor (13) with data relative to the functioning of the compressor (8) for the purpose of obtaining from said data a percentage operation of the compressor (8) and an indication of the predicted commencement of defrost (Hdl), this indication being compared with one or more time bands with the purpose of advancing or delaying if necessary the effective commencement of the next defrost so that it takes place within the established time band. <IMAGE>

IPC 8 full level

F25D 21/00 (2006.01)

CPC (source: EP)

F25D 21/008 (2013.01); **F25B 2600/23** (2013.01); **F25D 2700/02** (2013.01); **F25D 2700/14** (2013.01)

Cited by

CN103017474A; GB2446728A; GB2446728B; US10309713B2; EP2314960A2; EP1709376A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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