

Title (en)

Method to control refrigeration conditions of refrigerated modules and device to achieve said method

Title (de)

Verfahren und Vorrichtung zum Steuern der Kältebedingungen in Kühlseinheiten

Title (fr)

Procédé et dispositif pour la commande des conditions frigorifiques dans des modules refroidis

Publication

EP 1020149 A2 20000719 (EN)

Application

EP 00100725 A 20000114

Priority

- IT UD990005 A 19990115
- IT UD990006 A 19990115
- IT UD990007 A 19990115

Abstract (en)

Method and device to control refrigeration conditions in refrigerated showcases, modules (10) or similar, said refrigerated modules comprising at least a front glass (11), a refrigerated compartment, a cooling circuit (17), antimisting devices (32) and a cooling assembly (40), it being provided, during functioning, to measure at least the values of temperature of the air (21) entering and leaving the evaporator unit (13), to compare them with pre-determined threshold values and to give permission to start a defrosting cycle to defrost the evaporator unit (13) only when the continuously measured values reach the threshold values. <IMAGE>

IPC 1-7

A47F 3/04; F25D 29/00; F25D 21/06

IPC 8 full level

A47F 3/04 (2006.01); F25D 21/00 (2006.01); F25D 29/00 (2006.01)

CPC (source: EP)

A47F 3/0404 (2013.01); A47F 3/0482 (2013.01); F25D 21/002 (2013.01); F25D 29/00 (2013.01); F25B 2700/02 (2013.01); F25B 2700/11 (2013.01); F25B 2700/111 (2013.01); F25D 2400/36 (2013.01); F25D 2700/14 (2013.01); F25D 2700/16 (2013.01)

Cited by

CN111265070A; IT20170003447A1; RU2649853C2; NL1016842C2; EP3195732A1; ITUB20160124A1; CN114644179A; US6868687B2; US10222115B2; WO0247516A1; WO2013007618A3; WO2007072523A1; EP2578968A4; EP3330643A1; EP3330642A1; EP3330641A1; EP3330640A1; CN117407634A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1020149 A2 20000719; EP 1020149 A3 20001102

DOCDB simple family (application)

EP 00100725 A 20000114