

Title (en)  
REFRIGERATING DEVICE WITH AN AUTOMATIC DEFROSTING SYSTEM

Title (de)  
KÄLTEGERÄT MIT ABTAU-AUTOMATIK

Title (fr)  
APPAREIL FRIGORIFIQUE A DEGIVRAGE AUTOMATIQUE

Publication  
**EP 1332325 A1 20030806 (DE)**

Application  
**EP 01982413 A 20011009**

Priority  
• DE 10053422 A 20001027  
• EP 0111660 W 20011009

Abstract (en)  
[origin: WO0235165A1] The invention relates to a refrigerating device comprising a refrigeratory (3) arranged on a refrigerating chamber (2), a first sensor (5) for detecting the temperature of the refrigerating chamber (3), a second sensor (6) for detecting the temperature (Tv) of the refrigerating agent, a third sensor (7) for detecting the external temperature (Te), a heating device (9) for the refrigeratory (3) and a control device (8) for operating the heating device (9) according to the temperatures (Ti, Tv) measured by the first and second sensors (5,6). The control device (8) activates the heating device (9) if the temperature (Tv) measured by the second sensor (5,6) falls below a threshold value (Tlim) which is set according to the temperatures (Ti, Te) measured by the first and third sensors (5, 7).

IPC 1-7  
**F25D 21/00**; G05D 23/19

IPC 8 full level  
**F25D 21/00** (2006.01); **F25D 21/02** (2006.01)

CPC (source: EP)  
**F25D 21/002** (2013.01); **F25D 21/02** (2013.01); **F25D 2400/34** (2013.01); **F25D 2700/10** (2013.01); **F25D 2700/12** (2013.01); **F25D 2700/14** (2013.01)

Citation (search report)  
See references of WO 0235165A1

Cited by  
WO2022037880A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0235165 A1 20020502**; AT E329217 T1 20060615; BR 0114956 A 20031104; CN 1471622 A 20040128; CN 1471622 B 20100526; DE 10053422 A1 20020508; DE 50110072 D1 20060720; EP 1332325 A1 20030806; EP 1332325 B1 20060607; ES 2266279 T3 20070301

DOCDB simple family (application)  
**EP 0111660 W 20011009**; AT 01982413 T 20011009; BR 0114956 A 20011009; CN 01818141 A 20011009; DE 10053422 A 20001027; DE 50110072 T 20011009; EP 01982413 A 20011009; ES 01982413 T 20011009