

Title (en)  
Refrigeration system.

Title (de)  
Kühlungssystem.

Title (fr)  
Système frigorifique.

Publication  
**EP 0345098 B1 19940511 (EN)**

Application  
**EP 89305704 A 19890601**

Priority  
GB 8813051 A 19880602

Abstract (en)  
[origin: EP0345098A2] A defrost monitor (24) comprises a thermistor probe (26) located adjacent to the evaporator (14) of a refrigeration system (10) which is connected to a programmable controller (28) located within the monitor (24) to which is connected a second thermistor probe (30) for detecting temperature rises above a preset value entered into the controller (28) and during defrost of the refrigeration system (10) the programmable controller (28) assesses the rate of change of temperature between given preset values and if the rate of change indicates defrost will activate a valve (22A) and heater (32) thereby assisting defrost or initiate an alarm or the like where the rate of change is irregular or the temperature remains between the two preset values thereby indicating a refrigeration fault.

IPC 1-7  
**F25B 47/00**

IPC 8 full level  
**F25B 47/02** (2006.01); **F25B 49/00** (2006.01); **F25D 21/00** (2006.01)

CPC (source: EP)  
**F25B 47/022** (2013.01); **F25B 49/005** (2013.01); **F25D 21/002** (2013.01)

Cited by  
EP0768053A3; EP0768501A3; EP3587962A1; CN112219075A; US11549734B2; US11365919B2; US12044450B2; WO2019243561A1

Designated contracting state (EPC)  
DE ES FR GB IT SE

DOCDB simple family (publication)  
**EP 0345098 A2 19891206; EP 0345098 A3 19901212; EP 0345098 B1 19940511**; DE 68915205 D1 19940616; GB 8813051 D0 19880706; PT 90734 A 19891229; PT 90734 B 19940228

DOCDB simple family (application)  
**EP 89305704 A 19890601**; DE 68915205 T 19890601; GB 8813051 A 19880602; PT 9073489 A 19890602