

Title (en)
Refrigeration system and method for monitoring a refrigeration system

Title (de)
Kühleinrichtung und Verfahren zur Überwachung einer Kühleinrichtung

Title (fr)
Système frigorifique et procédé pour surveiller un système frigorifique

Publication
EP 0837294 A3 20011205 (DE)

Application
EP 97117710 A 19971013

Priority
DE 19642745 A 19961016

Abstract (en)
[origin: EP0837294A2] The refrigerator has a sealable cooling chamber and a cooling circuit, which is formed by an absorption circuit. This circuit includes an absorber (12), an ejection unit, a condenser (5) and an evaporator (9). A control unit is provided for the refrigerator, which has a monitoring unit for determining any cases of interference. The monitoring unit has at least one thermometer probe (19) which can be positioned at the evaporator. A thermometer probe is provided for determining the ambient temperature and a thermometer probe for determining the temperature in the cooling chamber. The monitoring system includes a sensor, which transmits a signal, if a door closing the cooling chamber is left open.

IPC 1-7
F25B 49/04; **F25B 15/10**; **F25D 29/00**

IPC 8 full level
F25B 49/04 (2006.01); **F25B 15/10** (2006.01); **F25B 49/00** (2006.01); **F25B 49/02** (2006.01); **F25D 29/00** (2006.01)

CPC (source: EP)
F25B 15/10 (2013.01); **F25B 49/005** (2013.01); **F25B 2700/2104** (2013.01); **F25B 2700/2106** (2013.01); **F25B 2700/2117** (2013.01); **F25D 29/008** (2013.01); **F25D 2700/02** (2013.01)

Citation (search report)

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- [A] US 5156013 A 19921020 - ARIMA HIDETOSHI [JP], et al
- [A] GB 2254452 A 19921007 - TOTAL TEMPERATURE CONTROL LIM [GB]
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- [A] DE 3133686 A1 19830317 - LATTEK GABRIELE [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 10 30 November 1995 (1995-11-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 562 (M - 1494) 12 October 1993 (1993-10-12)
- [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 506 (M - 1044) 6 November 1990 (1990-11-06)

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

DOCDB simple family (publication)
EP 0837294 A2 19980422; **EP 0837294 A3 20011205**; **EP 0837294 B1 20060405**; DE 19642745 A1 19980430; DE 19642745 C2 20000914; DE 59712611 D1 20060518; ES 2117611 T1 19980816; ES 2117611 T3 20061016; JP H10122712 A 19980515

DOCDB simple family (application)
EP 97117710 A 19971013; DE 19642745 A 19961016; DE 59712611 T 19971013; ES 97117710 T 19971013; JP 28033297 A 19971014