

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.

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**F25B 49/04**; **F25B 15/10**; **F25D 29/00**

IPC 8 full level  
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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
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- [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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