

Title (en)

Method and device for evaluating frost formation on an evaporator in a refrigerator, in particular of the forced-air circulation type.

Title (de)

Verfahren und Einrichtung zum Auswerten der Eisbildung an einem Kühlschrankverdampfer, insbesondere der Art mit Zwangsluftumlauf.

Title (fr)

Procédé et dispositif pour l'évaluation de la formation de givre sur un évaporateur de réfrigération, en particulier du type à circulation forcée d'air.

Publication

**EP 0563724 A1 19931006**

Application

**EP 93104634 A 19930322**

Priority

IT MI920755 A 19920330

Abstract (en)

A method for evaluating frost formation on a usual evaporator (102) in a refrigerator (1), in particular of the forced-air circulation type, comprising a cabinet containing at least one compartment (100), in which the evaporator (102) is located, and at least one fan (3) arranged to generate air circulation within said compartment (100) and cooperating with a usual conveying member (106) for conveying said air from said compartment (100) onto the evaporator (102) so that the air is again cooled. The method comprises evaluating the variation in the flow rate of the air which strikes the evaporator (102), and on the basis of this determining the quantity of frost present on the evaporator (102), then defrosting this latter if necessary.  
<IMAGE>

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IPC 8 full level

**F25D 21/02** (2006.01)

CPC (source: EP)

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Citation (search report)

- [X] US 3728867 A 19730424 - JARRETT J
- [Y] GB 2033582 A 19800521 - DART AUSSCHANK RAT TECH
- [A] US 4806833 A 19890221 - YOUNG GLEN C [US]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 010, no. 356 (E-459)29 November 1986 & JP-A-61 154 496 ( MITSUBISHI ELECTRIC )

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