

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

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Application

EP 93104634 A 19930322

Priority

IT MI920755 A 19920330

Abstract (en)

[origin: EP0563724A1] 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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Cited by

DE10057006C1; DE19533957A1; CN113237684A; DE10116693A1; DE10019905A1; DE10019905C2; WO2004088221A1; US6959587B2; US6446615B2; EP4043252A1; DE102021201380A1; EP4043251A1; DE102021201377A1

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