Title (en)

LINE VOLTAGE ADAPTIVE REFRIGERATOR

Title (de)

NETZSPANNUNGSANPASSENDER KÜHLSCHRANK

Title (fr)

REFRIGERATEUR A LIGNE DE TENSION ADAPTEE

Publication

EP 1203192 A1 20020508 (EN)

Application

EP 00946738 A 20000710

Priority

• TR 0000038 W 20000710
• TR 9901628 A 19990713

Abstract (en)

[origin: WO0104556A1] The total compressor running time after defrost tn is calculated by adding the value obtained by multiplying the difference between the optimum defrost time tdefopt determined by the experiments and the actual defrost time tdef(n) with a constant value K determined by the manufacturer to the total compressor running time before defrost tn-1 without checking the line voltage first. The total compressor running time tyn adaptive to the line voltage is calculated by multiplying the difference between the square of the average line voltage value found by monitoring the line voltage during the defrost time by the line voltage measuring unit (8), and the average line voltage value measured during the previous defrost cycle, by a constant L value determined by the manufacturer and by adding this value to the above mentionned total compressor running period after defrost tn, that is calculated without regarding the line voltage.

IPC 1-7

F25D 21/00; F25B 49/02

IPC 8 full level

F25B 49/02 (2006.01); **F25D 21/00** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 0104556A1

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