

Title (en)

Fridge and freezer unit, method for controlling a compressor in a fridge and freezer unit and control circuit for such a compressor

Title (de)

Kühl- und Gefrieranlage, Regelverfahren eines Verdichters in einer Kühl- und Gefrieranlage und Regelkreis für einen derartigen Verdichter

Title (fr)

Installation de réfrigération et de congélation, procédé de commande d'un compresseur dans une installation de réfrigération et de congélation et circuit de commande pour un tel compresseur

Publication

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Application

EP 98102408 A 19980212

Priority

DK 17297 A 19970218

Abstract (en)

A fridge and freezer unit (1) is described which comprises a freezing chamber (2) and a refrigeration chamber (3) and a cooling system with a variable-speed compressor (6) which is connected with a cooling circuit which has a cooling surface (11,12) in each storage chamber. In order to have an individual energy economic cooling which is in balance depending on the cooling demand which exists in the refrigeration chamber (3) and the freezing chamber (2), a temperature meter is arranged in the refrigeration chamber which is used to turn on and off the variable-speed compressor (6) and a temperature meter in the freezing chamber (2) which is intended for regulating the number of revolutions for the compressor (6). With this construction it is possible to regulate the temperature balance of the cooling surfaces (11,12), and accordingly, the cooling effect in each of the chambers (2,3). <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

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