

Title (en)

Method for reducing energy consumption in a refrigerating machine, and refrigerating machine operating according to said method

Title (de)

Verfahren zur Reduzierung des Verbrauchs einer Kältemachine und eine danach arbeitende Kältemachine

Title (fr)

Procédé de réduction de la consommation d'énergie d'une machine frigorifique et machine frigorifique fonctionnant suivant ce procédé

Publication

EP 1215454 A2 20020619 (EN)

Application

EP 01830751 A 20011210

Priority

IT FI20000250 A 20001213

Abstract (en)

The method for controlling a motor compressor (3, 5) in a refrigerating machine envisages determining an optimal rate (fott) of operation of the motor compressor, which minimizes energy consumption of the machine, and causing said motor compressor to operate, during each turning-on cycle, alternatively at said optimal rate (fott) or at a higher rate (fmax) according to the required cooling rate. <IMAGE>

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F25B 49/02

IPC 8 full level

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CPC (source: EP)

F25B 49/025 (2013.01); **F25B 2500/18** (2013.01); **F25B 2600/0251** (2013.01)

Cited by

EP1990591A1; EP2631578A3; EP1655557A3; EP2631572A3; US9696077B2; WO2022047558A1; US9285161B2; US9618246B2

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