

Title (en)

A COOLING DEVICE AND THE CONTROL METHOD

Title (de)

KÜHLVORRICHTUNG UND STEUERVERFAHREN

Title (fr)

DISPOSITIF DE REFROIDISSEMENT, ET PROCEDE POUR COMMANDER CE DISPOSITIF DE REFROIDISSEMENT

Publication

**EP 1888983 A1 20080220 (EN)**

Application

**EP 06745031 A 20060526**

Priority

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- TR 200502024 A 20050530

Abstract (en)

[origin: WO2006129255A1] The present invention relates to a cooling device (1) and a control method thereof, which prevent the motor of a variable speed compressor (2) performing the refrigerant cycle from unexpected stalls due to reasons of overheating or not being able to respond to the thermodynamic load resulting from heavy work load like high ambient temperature or the frequent opening closing of the door by means of a control method implemented via a control card (5).

IPC 8 full level

**F25B 49/02** (2006.01)

CPC (source: EP KR)

**F25B 49/00** (2013.01 - KR); **F25B 49/025** (2013.01 - EP); **F25B 2500/26** (2013.01 - EP); **F25B 2600/024** (2013.01 - EP); **F25B 2600/0251** (2013.01 - EP); **F25B 2700/2104** (2013.01 - EP); **F25B 2700/21153** (2013.01 - EP)

Citation (search report)

See references of WO 2006129255A1

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**WO 2006129255 A1 20061207**; AT E456010 T1 20100215; BR PI0611215 A2 20100824; CN 100538220 C 20090909; CN 101184965 A 20080521; DE 602006011887 D1 20100311; EP 1888983 A1 20080220; EP 1888983 B1 20100120; ES 2339049 T3 20100514; KR 100946799 B1 20100311; KR 20080022547 A 20080311; SI 1888983 T1 20100430

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