

Title (en)

Method and device for monitoring a coolant fill level

Title (de)

Verfahren und Vorrichtung zum Überwachen einer Kältemittelfüllmenge

Title (fr)

Procédé et dispositif destinés à la surveillance d'une quantité de remplissage de produit réfrigérant

Publication

**EP 2725312 B1 20170920 (DE)**

Application

**EP 13189217 A 20131018**

Priority

- DE 102012110183 A 20121025
- DE 102013100410 A 20130116

Abstract (en)

[origin: EP2725312A2] The method involves detecting a cooling agent dependent variable at preset period. An actual frequency distribution of measured values of measured variable is created. The filling amount of cooling agent (5) in refrigeration system (2) is evaluated based on the determined offset of the actual frequency distribution. The measured variable is obtained from the cooling agent level measured by a level sensor (7) at a cooling agent reservoir (1) or from the cooling agent temperature measured by a temperature sensor at an ejection portion of a condenser of the refrigeration system. An independent claim is included for a refrigeration system.

IPC 8 full level

**F25B 49/00** (2006.01)

CPC (source: EP)

**F25B 49/005** (2013.01); **F25B 2700/04** (2013.01); **F25B 2700/21163** (2013.01)

Cited by

US11085683B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2725312 A2 20140430; EP 2725312 A3 20160615; EP 2725312 B1 20170920; DE 102013100410 A1 20140515**

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