

Title (en)

Method for monitoring a compression refrigerating system

Title (de)

Verfahren zum Überwachen eines Kompressionskältekreises

Title (fr)

Procédé destiné à surveiller un circuit de refroidissement de compression

Publication

EP 1892489 A3 20110511 (DE)

Application

EP 07016052 A 20070816

Priority

- DE 102006038961 A 20060821
- AT 20612006 A 20061214

Abstract (en)

[origin: EP1892489A2] The method involves measuring a boiling temperature on a high pressure side as a function of a pressure (pH) on the high pressure side and a refrigerant. A temperature (TH) is measured between a condenser (2) and a throttle (3), and the temperature difference is formed between the boiling temperature and the temperature between the condenser and the throttle. An error status is activated if the temperature difference exceeds a given limit value for a first time. A compression refrigerating system is disconnected if the temperature difference exceeds the given limit value repeatedly.

IPC 8 full level

F25B 49/00 (2006.01); **F25B 40/00** (2006.01)

CPC (source: EP)

F25B 49/005 (2013.01); **F25B 40/00** (2013.01); **F25B 2700/1931** (2013.01); **F25B 2700/1933** (2013.01); **F25B 2700/21151** (2013.01); **F25B 2700/21163** (2013.01); **F25B 2700/21175** (2013.01)

Citation (search report)

- [X] DE 4401415 C1 19941201 - DAIMLER BENZ AG [DE]
- [I] GB 2258047 A 19930127 - DAIMLER BENZ AG [DE]

Cited by

EP3922924A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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