

Title (en)
METHOD FOR REGULATING A COMPRESSOR

Title (de)
VERFAHREN ZUR REGELUNG EINES KOMPRESSORS

Title (fr)
PROCÉDÉ DE RÉGULATION D'UN COMPRESSEUR

Publication
EP 2550455 B1 20190904 (DE)

Application
EP 11710775 A 20110324

Priority
• DE 102010016131 A 20100325
• EP 2011054529 W 20110324

Abstract (en)
[origin: WO2011117341A1] The invention relates to a method for regulating a compressor of a pressure supplying system. The compressor is switched on and off dependent on a threshold temperature of one or more components of the pressure supplying system, said threshold temperature being ascertained using a temperature calculating method. The respective threshold temperature is ascertained by correlating the reciprocal temperature dependence that exists as a result of heat transfer between adjacent components.

IPC 8 full level
F04B 49/02 (2006.01); **B60G 11/27** (2006.01); **B60G 17/04** (2006.01); **F04B 49/06** (2006.01); **F04B 49/10** (2006.01)

CPC (source: EP US)
F04B 49/02 (2013.01 - EP US); **F04B 49/065** (2013.01 - EP US); **F04B 49/10** (2013.01 - EP US); **F04B 2201/0403** (2013.01 - EP US); **F04B 2201/0801** (2013.01 - EP US); **F04B 2203/0205** (2013.01 - EP US); **F04B 2203/0405** (2013.01 - EP US); **F04B 2205/05** (2013.01 - US); **F04B 2205/065** (2013.01 - US); **F04B 2205/10** (2013.01 - EP US); **F04B 2205/11** (2013.01 - EP US); **F04B 2207/03** (2013.01 - EP US); **F04B 2207/042** (2013.01 - EP US); **F04B 2207/043** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102010016131 A1 20110929; DE 102010016131 B4 20210916; CN 102822526 A 20121212; CN 102822526 B 20141224;
EP 2550455 A1 20130130; EP 2550455 B1 20190904; US 2013004333 A1 20130103; US 9243627 B2 20160126; WO 2011117341 A1 20110929

DOCDB simple family (application)
DE 102010016131 A 20100325; CN 201180015707 A 20110324; EP 11710775 A 20110324; EP 2011054529 W 20110324;
US 201113634592 A 20110324