

Title (en)
METHOD FOR CONTROLLING THE OPERATION OF A COMPRESSOR

Title (de)
VERFAHREN ZUR STEUERUNG DES BETRIEBS EINES KOMPRESSORS

Title (fr)
PROCÉDÉ DE COMMANDE DU FONCTIONNEMENT D'UN COMPRESSEUR

Publication
EP 2304238 B1 20150107 (DE)

Application
EP 09765657 A 20090415

Priority
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Abstract (en)
[origin: WO2009153077A1] In a method for controlling the operation of a compressor, the compressor is switched off by a controller for preventing thermal damage if an estimated temperature value calculated by the controller exceeds an upper threshold value. For this purpose the controller calculates a cooling function as a state variable utilizing the estimated temperature value, said cooling function representing the chronological course of the cooling of the compressor. According to the invention the controller determines the cooling function based on at least one first and one second estimated temperature value which are associated with points of the compressor that are at spatial distances to each other, the determination being such that the cooling function is determined based on the temperature difference between the first and the second estimated temperature value.

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