

Title (en)

METHOD FOR MONITORING THE OPERATION OF AN ELECTRICAL ROTATING MACHINE

Title (de)

VERFAHREN ZUM ÜBERWACHEN DES BETRIEBES EINER ELEKTRISCHEN ROTIERENDEN MASCHINE

Title (fr)

PROCÉDÉ DE SURVEILLANCE DU FONCTIONNEMENT D'UNE MACHINE À ROTATION ÉLECTRIQUE

Publication

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Application

**EP 18727210 A 20180517**

Priority

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- EP 2018062929 W 20180517

Abstract (en)

[origin: WO2018211015A1] The invention relates to a method for monitoring the operation of an electrical rotating machine (2) having a rotor (8), a stator (10) and a machine housing (26), in which the rotor (8) and the stator (10) are accommodated. In order to achieve greater reliability compared to the prior art, without changing the design, according to the invention at least one external temperature (Ta1, Ta2, Ta3, Ta4) is detected on the external surface of the machine housing (26) at least at one known position, wherein at least one internal temperature (Ti1, Ti2, Ti3) is determined from the detected external temperature (Ta1, Ta2, Ta3, Ta4) by means of a temperature model (40) provided in the cloud (38).

IPC 8 full level

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