

Title (en)

INSTALLATION FOR DIAGNOSIS OF AN ELECTRIC MACHINE

Title (de)

INSTALLATION ZUR DIAGNOSE EINER ELEKTRISCHEN MASCHINE

Title (fr)

INSTALLATION DE DIAGNOSTIC D'UNE MACHINE ÉLECTRIQUE

Publication

EP 3552033 A1 20191016 (FR)

Application

EP 17821683 A 20171205

Priority

- FR 1662025 A 20161206
- FR 2017053395 W 20171205

Abstract (en)

[origin: WO2018104651A1] The invention relates to a method of electrical fault diagnosis on an electric machine such as an asynchronous motor, method characterized in that it comprises the following steps, consisting in: • determining a spectrum of frequencies of an acoustic signal emitted by an electric machine while operating (34), • searching for possible predefined frequencies characteristic of an electrical fault (36) • signalling an electrical fault (step 40) if at least one predefined frequency characteristic of an electrical fault is detected. If relevant, a state of advancement of the electrical fault can also be specified. The invention also relates to a computer program product adapted for the implementation of a method such as described hereinabove. The invention relates finally to a diagnostic installation comprising computing means adapted to implement a method such as described hereinabove. Application to the preventive maintenance of electric machines.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2018104651A1

Cited by

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