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[54] SYSTEM AND METHOD FOR CONDITION MONITORING OF AN INDUCTION MOTOR

用於監測感應馬達狀態的系統及方法

[57] The present invention relates to a system and method for condition monitoring for an induction motor, the system 10 comprising: at least one vibrational sensor 12 mounted on at least one surface of the induction motor for vibrational signals collection; an IoT-enabled signal conditioning module 14 configured to receive the vibrational signals and transfer the signals to a computing device 16; a control platform 18 configured to automatically determine a type of failure in the induction motor based on failure patterns; and, a storage device for storing and managing the vibrational signals and the analysed results for subsequent analysis.

本發明涉及一種用於監測感應馬達狀態的系統及方法，該系統 10 包括：至少一個安裝在感應馬達的至少一個表面上的振動感測器 12，用於收集振動訊號；支援物聯網的訊號調節模組 14，被配置為接收振動訊號並將訊號傳輸到計算設備 16；控制平台 18，被配置為基於故障模式自動確定感應馬達中的故障類型；及儲存裝置，用於儲存和管理振動訊號和分析結果以供後續分析。

