

Title (en)  
DEVICE AND METHOD FOR FAULT MONITORING

Title (de)  
EINRICHTUNG UND VERFAHREN ZUR STÖRUNGSÜBERWACHUNG

Title (fr)  
DISPOSITIF ET PROCÉDÉ DE SURVEILLANCE DE DYSFONCTIONNEMENTS

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Application  
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Abstract (en)  
[origin: WO2008138520A1] The invention relates to a device (1) for the fault monitoring of a centrifugal pump driven by an electric motor at variable speed, and to a method for fault monitoring using such a device (1). The device (1) captures operating values of the motor prior to activation of the fault monitor, stores said values, keeps them available and compares current operating values of the motor during fault monitoring to the stored values. The device (1) evaluates a current motor operating point (55) relative to a prescribed, limited operating range (52) of the motor and establishes a fault (36) if said operating range (52) is no longer met. The limited operating range (52) is thus formed by motor operating points.

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