

Title (en)

Method for detecting operation errors of a pump aggregate

Title (de)

Verfahren zur Ermittlung von Fehlern beim Betrieb eines Pumpenaggregates

Title (fr)

Procédé de détection des erreurs de fonctionnement d'une unité de pompage

Publication

EP 1564411 B2 20150805 (DE)

Application

EP 04002979 A 20040211

Priority

EP 04002979 A 20040211

Abstract (en)

[origin: EP1564411A1] In a process to detect a fault during operation of an electric motor-powered pump, a monitoring has two electric wires linking the electric motor to a power monitoring system, and a further sensor monitoring a hydraulic parameter in the pump. The electrical and hydraulic values are logged and processed in an algorithm by a data processing system, the results being compared with pre-stored values. Also claimed is a commensurate pump monitoring system.

IPC 8 full level

F04D 15/02 (2006.01); **F04D 27/02** (2006.01)

CPC (source: EP US)

F04D 15/0236 (2013.01 - EP US); **F04D 15/0245** (2013.01 - EP US)

Cited by

EP2039939A1; EP1914428A3; RU2743866C1; DE102013211345B4; WO2009039934A1; WO2008119932A1; WO2010094606A3; US9218565B2; US9230208B2; US9530092B2; JP2010539380A; EP2039939B1

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DOCDB simple family (publication)

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EP 04002979 A 20040211; AT 04002979 T 20040211; CN 200580008075 A 20050205; DE 502004006565 T 20040211; EP 2005001193 W 20050205; US 201113284049 A 20111028; US 59789208 A 20080505