

Title (en)

Pump condition monitoring and recording

Title (de)

Pumpenzustandsüberwachung und Aufzeichnung

Title (fr)

Surveillance et enregistrement de condition de pompe

Publication

**EP 2881582 A1 20150610 (EN)**

Application

**EP 14195831 A 20141202**

Priority

US 201361911505 P 20131204

Abstract (en)

A fluid pumping system includes a fluid pump, an actuator coupled to the fluid pump, and a controller operatively coupled to the actuator. The controller is configured to detect an irregular condition of at least one of the fluid pump, the actuator or the controller, and upon detecting the irregular condition, to modify at least one operating parameter of the actuator to prevent the irregular condition from transitioning to a fault condition.

IPC 8 full level

**F04B 49/02** (2006.01); **F04B 49/06** (2006.01); **F04B 49/08** (2006.01)

CPC (source: EP US)

**F04B 49/06** (2013.01 - EP US); **F04B 49/065** (2013.01 - EP US); **F04B 49/08** (2013.01 - EP US); **F04B 49/10** (2013.01 - EP US); **F04D 15/0066** (2013.01 - US); **F04D 15/0254** (2013.01 - US); **F04D 15/0263** (2013.01 - US); **F04D 15/0281** (2013.01 - US); **F04D 27/001** (2013.01 - US); **F04D 27/004** (2013.01 - US); **F04D 27/008** (2013.01 - US); **F04B 2201/0801** (2013.01 - EP US); **F04B 2203/0201** (2013.01 - EP US); **F04B 2203/0202** (2013.01 - EP US); **F04B 2203/0205** (2013.01 - EP US); **F04B 2203/0209** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 14195831 A 20141202**; US 201414557706 A 20141202