

Title (en)

NETWORK MONITORING AND CONTROL OF FLUID HANDLING APPARATUS

Title (de)

NETZWERKÜBERWACHUNG UND STEUERUNG EINER FLUIDHANDHABUNGSVORRICHTUNG

Title (fr)

PROCÉDÉ DE SURVEILLANCE ET DE COMMANDE D'APPAREIL DE MANIPULATION DE FLUIDE

Publication

EP 3546751 A1 20191002 (EN)

Application

EP 19166449 A 20190401

Priority

US 201862650724 P 20180330

Abstract (en)

Aspects are provided for positive displacement pumps and methods and systems for remotely controlling such positive displacement pumps via a network. An application server receives, from a registered user, a selection of an operation program for the positive displacement pump, the operation program including control commands to control a drive motor of the pump. The application server sends the program to a network hub to publish the control commands to the pump, wherein the pump retrieves the control commands from the network hub. The application server stores a record of the control commands associated with the registered user. The application server receives operation parameters from the pump and stores the operation parameters in association with the registered user. The application server evaluates the operation parameters according to defined conditions. The application server transmits an alert to a registered user, for example.

IPC 8 full level

F04B 49/06 (2006.01); **F04B 49/00** (2006.01)

CPC (source: EP US)

F04B 49/00 (2013.01 - EP US); **F04B 49/02** (2013.01 - US); **F04B 49/06** (2013.01 - EP US); **F04B 49/065** (2013.01 - EP US); **F04B 2203/00** (2013.01 - EP US); **F04B 2203/02** (2013.01 - EP US); **F04B 2203/0209** (2013.01 - EP US); **F04B 2203/06** (2013.01 - EP US)

Citation (applicant)

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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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