

Title (en)

DISPLACEMENT PUMP PRESSURE FEEDBACK CONTROL AND METHOD OF CONTROL

Title (de)

DRUCKRÜCKKOPPLUNGSSTEUERUNG EINER VERDRÄNGUNGSPUMPE UND VERFAHREN ZUR STEUERUNG

Title (fr)

COMMANDE DE RÉTROACTION DE PRESSION DE POMPE VOLUMÉTRIQUE ET PROCÉDÉ DE COMMANDE

Publication

**EP 4123174 A1 20230125 (EN)**

Application

**EP 22186434 A 20220722**

Priority

US 202117384588 A 20210723

Abstract (en)

A method of controlling an actuation pump (104) including monitoring a supply pressure of a pump (104), monitoring an outlet pressure of the pump (104), commanding a motor (102) by a motor controller, which receives the monitored pressures, to drive the pump (104) at a speed based on a comparison of the supply pressure and the outlet pressure of the pump (104).

IPC 8 full level

**F04B 17/03** (2006.01)

CPC (source: EP US)

**F01D 17/06** (2013.01 - EP); **F01D 17/16** (2013.01 - EP); **F01D 21/003** (2013.01 - EP); **F04B 17/03** (2013.01 - EP US); **F04B 49/065** (2013.01 - EP); **F01D 17/162** (2013.01 - EP); **F04B 2205/07** (2013.01 - EP)

Citation (search report)

- [XYI] US 10364816 B2 20190730 - NOFAL JORJ [US], et al
- [XAI] US 10815987 B2 20201027 - TODAL KAREN [NO], et al
- [X] US 2017314282 A1 20171102 - NIX AXEL [US]
- [Y] US 2020141331 A1 20200507 - TRAMONTIN TIMOTHY [GB]
- [X] US 2013048114 A1 20130228 - ROTHMAN NATHAN F [US], et al
- [X] CN 111412132 A 20200714 - HUNAN SMART FLOW TECH CO LTD

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**EP 4123174 A1 20230125**; US 2023021491 A1 20230126

DOCDB simple family (application)

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