

Title (en)
Hydraulic drive for a pressure transducer

Title (de)
Hydraulikantrieb für einen Druckübersetzer

Title (fr)
Entraînement hydraulique pour un multiplicateur de pression

Publication
EP 2610490 A3 20140402 (DE)

Application
EP 12455007 A 20121121

Priority
AT 19092011 A 20111230

Abstract (en)
[origin: EP2610490A2] The drive (1) has a pressure medium pump (10) comprising a constant displacement pump (11) i.e. internal gear pump, and conveying constant volume per revolution. A servo motor (12) i.e. frequency-regular drive motor, is coupled to drive the medium pump. A controller is structured to one of electrically control, regulate and switch the servo motor. The servo motor is arranged on one of a low pressure side (13) and a high pressure side (14) of a pressure booster (15). The controller receives signals from signal generators in a closed loop.

IPC 8 full level
F04B 17/03 (2006.01); **F04B 49/02** (2006.01); **F04B 49/06** (2006.01)

CPC (source: EP US)
F04B 9/113 (2013.01 - US); **F04B 17/03** (2013.01 - EP US); **F04B 49/022** (2013.01 - EP US); **F04B 49/06** (2013.01 - EP US); **F04B 2207/02** (2013.01 - EP US); **Y10T 137/0391** (2015.04 - EP US); **Y10T 137/7769** (2015.04 - 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)
EP 2610490 A2 20130703; EP 2610490 A3 20140402; EP 2610490 B1 20150715; AT 512322 A1 20130715; AT 512322 B1 20130915; CA 2798423 A1 20130630; CA 2798423 C 20161206; JP 2013139871 A 20130718; RU 2012157990 A 20140710; RU 2531675 C2 20141027; US 10302074 B2 20190528; US 2013167951 A1 20130704

DOCDB simple family (application)
EP 12455007 A 20121121; AT 19092011 A 20111230; CA 2798423 A 20121212; JP 2012267662 A 20121120; RU 2012157990 A 20121227; US 201213467706 A 20120509