

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 B1 20150715 (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
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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)

Cited by
CN108223328A; AT516738A4; AT516738B1; CN111670537A; WO2022187879A1; WO2019149601A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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CA 2798423 A1 20130630; CA 2798423 C 20161206; JP 2013139871 A 20130718; RU 2012157990 A 20140710; RU 2531675 C2 20141027;
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