

Title (en)

FLUID-ACTUATED ACTUATING DRIVE WITH A VALVE

Title (de)

FLUIDBETÄTIGTER STELLANTRIEB MIT EINER ARMATUR

Title (fr)

SERVOMOTEUR ACTIONNÉ PAR UN FLUIDE AVEC UN APPAREILLAGE

Publication

EP 2531734 A1 20121212 (DE)

Application

EP 11703597 A 20110204

Priority

- DE 102010007152 A 20100205
- EP 2011000528 W 20110204

Abstract (en)

[origin: WO2011095351A1] The invention relates to a fluid-actuated actuating drive on a valve comprising a base unit (2) having an electro-fluidic signal converter and a fluidic controller and at least one linear actuator (4) that can be actuated using the fluidic controller, wherein the gate (11) of the linear actuator is directly or indirectly coupled to the inlet of the valve. A control unit (22) is connected to a signal input of the base unit, wherein the signal output is connected to the electro-fluidic signal converter. The actual value signal of a measurement transducer (24) associated to the valve is fed back to the control unit. A fluidic internal control circuit (27) is arranged functionally between the signal input and the at least one linear actuator, preferably downstream of the electro-fluidic signal converter.

IPC 8 full level

F15B 9/12 (2006.01)

CPC (source: EP KR US)

F04B 53/16 (2013.01 - KR); **F15B 9/08** (2013.01 - KR); **F15B 9/12** (2013.01 - EP KR US); **F15B 15/18** (2013.01 - KR); **F16K 31/04** (2013.01 - KR); **F16K 31/124** (2013.01 - KR)

Citation (search report)

See references of WO 2011095351A1

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

DOCDB simple family (publication)

DE 102010007152 A1 20110811; **DE 102010007152 B4 20170330**; BR 112012019657 A2 20160503; CN 102822536 A 20121212; CN 102822536 B 20150422; EP 2531734 A1 20121212; JP 2013519047 A 20130523; JP 5820398 B2 20151124; KR 20120120286 A 20121101; RU 2012134331 A 20140310; RU 2548837 C2 20150420; US 2013009080 A1 20130110; US 8973890 B2 20150310; WO 2011095351 A1 20110811

DOCDB simple family (application)

DE 102010007152 A 20100205; BR 112012019657 A 20110204; CN 201180016589 A 20110204; EP 11703597 A 20110204; EP 2011000528 W 20110204; JP 2012551556 A 20110204; KR 20127020554 A 20110204; RU 2012134331 A 20110204; US 201213566597 A 20120803