

Title (en)

ARRANGEMENT USING FLUID TECHNOLOGY AND VALVE ARRANGEMENT AND ACTUATOR FOR THE SAME

Title (de)

FLUIDTECHNISCHE ANORDNUNG SOWIE VENTILANORDNUNG UND AKTUATOR HIERFÜR

Title (fr)

SYSTEME FONCTIONNANT AU MOYEN DE FLUIDE ET ENSEMBLE SOUPAPE, AINSI QU'ACTIONNEUR POUR LEDIT SYSTEME

Publication

EP 1325237 B1 20041201 (DE)

Application

EP 01986750 A 20011002

Priority

- DE 10049958 A 20001010
- EP 0111378 W 20011002

Abstract (en)

[origin: US2004011194A1] A fluid power arrangement and valve arrangement (12) with an actuator (10) for it. The actuator (10) is able to be operate by means of the valve arrangement (12) via at least one first and first second fluid line (13 and 14) using fluid power, at least one electrical component (37, 38 and 46), adapted for connection with a control module (39 and 61), being arranged on the actuator (10). In this case there is a provision such that the valve arrangement (12) and the actuator (10) are connected together by way of two electrical connections (28 and 29) included in the fluid lines (13 and 14), by way of which fluid lines the valve arrangement (12) supplies the actuator (10) with electrical energy and furthermore the actuator (10) and the valve arrangement (12) are provided respectively with signal producing and/or signal detecting means (41 and 44) for establishing an signal connection (SV) between the at least one electrical component (37,38 and 39) and the control module (39 and 61) by way of and the second electrical connection (28 and 29).

IPC 1-7

F15B 15/28; F15B 15/14

IPC 8 full level

F15B 9/09 (2006.01); **F15B 15/14** (2006.01); **F15B 15/28** (2006.01); **F15B 21/08** (2006.01)

CPC (source: EP US)

F15B 9/09 (2013.01 - EP US); **F15B 13/0867** (2013.01 - EP US); **F15B 21/08** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

US 2004011194 A1 20040122; AT E283978 T1 20041215; DE 10049958 A1 20020418; DE 10049958 B4 20041202; DE 50104715 D1 20050105; EP 1325237 A1 20030709; EP 1325237 B1 20041201; WO 0231364 A1 20020418

DOCDB simple family (application)

US 39861903 A 20030407; AT 01986750 T 20011002; DE 10049958 A 20001010; DE 50104715 T 20011002; EP 0111378 W 20011002; EP 01986750 A 20011002