

Title (en)

Pneumatic positioner with Piezo-pneumatic valve unit

Title (de)

Pneumatischer Stellungsregler mit piezopneumatischer Ventileinheit

Title (fr)

Positionneur pneumatique doté d'une unité de soupape piézopneumatique

Publication

**EP 2258952 A3 20140514 (DE)**

Application

**EP 10005741 A 20100602**

Priority

DE 102009023706 A 20090603

Abstract (en)

[origin: EP2258952A2] The positioner (1) has a pneumatic working component (3), and a piezo-pneumatic valve unit (2) provided on the working component. The valve unit comprises two piezo-pneumatic valves (11, 12) pneumatically coupled with one another. The valve unit has a signal input (29) for an electrical control signal and a supplying input (4) that is connectable to a compressed gas supply. Flow channels (35-37) are arranged in valve housings and end into a receiving cavity such that different functional characteristics of the valves are realizable with the identical valve housings by exchanging valve inserts. An independent claim is also included for a method for adjustment of a fail-safe behavior of a pneumatic positioner.

IPC 8 full level

**F15B 13/04** (2006.01); **F15B 21/00** (2006.01)

CPC (source: EP)

**F15B 13/0405** (2013.01); **F15B 2013/006** (2013.01)

Citation (search report)

- [X] US 2002007727 A1 20020124 - LAFLER LAWRENCE R [US], et al
- [AD] EP 0822344 A2 19980204 - SIEMENS AG [DE]
- [AD] US 5362141 A 19941108 - BECK ERHARD [DE], et al

Cited by

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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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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