

Title (en)

ACTUATOR AND A METHOD AND DEVICE FOR CONNECTING HOUSING ELEMENTS OF AN ACTUATOR

Title (de)

AKTUATOR SOWIE VERFAHREN UND VORRICHTUNG ZUR VERBINDUNG VON GEHÄUSEELEMENTEN EINES AKTUATORS

Title (fr)

ACTIONNEUR AINSI QUE PROCÉDÉ ET DISPOSITIF D'ASSEMBLAGE D'ÉLÉMENTS DE BOÎTIER D'UN ACTIONNEUR

Publication

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Application

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Abstract (en)

[origin: WO2014006046A1] The invention relates to a pneumatic actuator (101) comprising at least one first housing element (103) and at least one second housing element (107) that can be connected to said first housing element by means of at least one connecting device (113). In at least one connecting region (114), a connecting force may be built up between the first housing element and the second housing element, using the connecting device, and at least one membrane (109, 119) can be mounted at least in some sections between the first housing element and the second housing element. The second housing element comprises at least one stop element (111) that limits a movement of the first housing element in the direction of the membrane and the second housing element and that comes into direct contact with the first housing element when the first housing element is connected to the second housing element, said stop element being arranged outside the connecting region in at least some sections. The invention also relates to a method and a device for connecting at least two housing elements of a pneumatic actuator regulator.

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