Title (en)

ELECTROMAGNETIC ROTARY ACTUATOR.

Title (de)

ELEKTROMAGNETISCHER DREHSTELLER.

Title (fr)

ACTUATEUR ROTATIF ELECTROMAGNETIQUE.

Publication

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Application

EP 90911756 A 19900804

Priority

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Abstract (en)

[origin: WO9102894A1] The aim of the invention is to obtain a rotating actuator (1) with a rotary slide valve, in particular for controlling the cross-section of a choke, in which the sealing of the pneumatic part (16) and the electrical part (17) is improved. To this end, the shaft (11) is doubly supported, on either side of the rotary slide valve (3). Both roller bearings (13, 14) are located in a one-piece housing (12). In consequence, the width of the gap between the rotary slide valve (3) and the bearing control opening (6), which is determined by the tolerance, is increased and at the same time the bearing (13) forms a separating seal between the parts (16) and (17). The rotating actuator is particularly suitable for use as an idling rotating actuator in interal combustion engines.

IPC 1-7

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