Title (en)

ACTUATOR MECHANISM

Title (de)

BETÄTIGUNGSEINRICHTUNG

Title (fr)

DISPOSITIF D'ACTIONNEMENT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0146970A1] The invention relates to an actuator mechanism, especially for actuation by means of a solenoid. The inventive mechanism comprises an adjustable part (magnetic return plate (7)) fixed to the housing (1) by a return spring (17), and a stationary part (magnet core (3)). The return spring (17) is held on a pin (8) and the adjustable part (magnetic return plate (7)) is linked with said pin (8). The pin (8) is provided with a shoulder (11). The return spring (17) is braced between the shoulder (11) and a spring (18) that rests on the adjustable part. In the non-actuated state, there is a precisely defined basic air gap (19) between the adjustable part and the stationary part. The shoulder (11) can be adjusted on the pin (8). To this end, the adjustable shoulder (11) is configured as a nut that can be adjusted via a thread (20) disposed on the pin (8). The nut can be replaced by an adequately fixable adjusting element, for example, a pressed-on ring.

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