

Title (en)
ELECTROMAGNETIC ACTUATOR

Title (de)
ELEKTROMAGNETISCHER AKTUATOR

Title (fr)
ACTIONNEUR ELECTROMAGNETIQUE

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Application
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Abstract (en)
[origin: WO02071420A1] The invention concerns an electromagnetic actuator comprising at least a coil (8) borne by a housing (1) and at least an actuating member (30) comprising a rod (15) mounted mobile along an axial direction (X) of the coil (8), the coil (8) being associated with a core (4, 5) consisting of a stack of plates extending parallel to the axial direction of the coil (8), the core (4, 5) having lateral outer surfaces (20) facing adjacent walls of the housing (1) and comprising at least a retaining portion (21) extending in projection from the lateral end surfaces (20) along a direction forming with the axial direction of the coil an angle (B) less than 90 degrees, a non-magnetic retaining member (31) integral with the housing (1) being arranged relative to the retaining portion (21) to counter a movement of the plates of the core (4, 5) relative to the housing (1).

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