

Title (en)
ELECTROMAGNETIC ACTUATOR WITH END-OF-TRAVEL ELASTIC STOP

Title (de)
ELEKTROMAGNETISCHER AKTUATOR MIT ELASTISCHEM ENDANSCHLAG

Title (fr)
ACTIONNEUR ÉLECTROMAGNÉTIQUE À BUTÉE ÉLASTIQUE DE FIN DE COURSE

Publication
EP 2212527 B1 20120606 (FR)

Application
EP 08872126 A 20081120

Priority
• FR 2008001621 W 20081120
• FR 0708198 A 20071122

Abstract (en)
[origin: FR2924264A1] The actuator (1) has coils (4) for moving a core (6) according to an alternate movement between a closing position and a nominal opening position of a valve (9). The core is moved beyond the opening position towards an end position. An elastic return element i.e. plug (11), of elastic material, returns the core towards the closing position, and is arranged to act on the core when the core is close to the end position. The core has a stop (12) to support the core, where the core is elastically deformable according to a direction parallel to the movement and is placed in contact with the stop.

IPC 8 full level
F01L 9/04 (2006.01); **F01L 9/20** (2021.01); **H01F 7/06** (2006.01)

CPC (source: EP)
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DOCDB simple family (publication)
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