

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)  
**F01L 9/20** (2021.01)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**FR 2924264 A1 20090529; FR 2924264 B1 20121214**; EP 2212527 A2 20100804; EP 2212527 B1 20120606; WO 2009098383 A2 20090813; WO 2009098383 A3 20091015

DOCDB simple family (application)  
**FR 0708198 A 20071122**; EP 08872126 A 20081120; FR 2008001621 W 20081120