

Title (en)  
MAGNETIC VALVE.

Title (de)  
MAGNETVENTIL.

Title (fr)  
ELECTROVANNE.

Publication  
**EP 0537175 A1 19930421 (DE)**

Application  
**EP 91909626 A 19910525**

Priority  
• DE 9100436 W 19910525  
• DE 4020951 A 19900630

Abstract (en)  
[origin: WO9200479A1] The proposal is for a magnetic valve to control the through-flow aperture of a connecting line (17), especially one conveying fuel, in which, in order to prevent the valve closing component (20) from chattering on returning to the closed position, it is elastically connected to a coupling member (28) on which the return force impinges, whereby the coupling member is additionally damped via a damping collar (32) on its movement which closes the valve closing component (20).

Abstract (fr)  
Il est proposé une électrovanne pour la commande de l'ouverture utile d'une conduite de communication (17) amenant comme fluide en particulier du carburant. Pour empêcher le rebondissement de l'élément de fermeture de vanne (20) lors de son retour à la position de fermeture, il est élastiquement solidarisé avec un coupleur (28) sur lequel agit la force de rappel, le coupleur étant en outre amorti par l'intermédiaire d'un collet amortisseur (32) lors de sa course provoquant la fermeture de l'élément de fermeture de vanne (20).

IPC 1-7  
**F16K 31/06**

IPC 8 full level  
**F16K 31/06** (2006.01); **F02M 59/46** (2006.01); **F16K 31/02** (2006.01); **F16K 31/10** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP US)  
**F02M 59/466** (2013.01 - EP US); **F02M 2200/30** (2013.01 - EP US); **F02M 2200/304** (2013.01 - EP US)

Citation (search report)  
See references of WO 9200479A1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**WO 9200479 A1 19920109**; CS 197291 A3 19920219; CZ 280232 B6 19951213; DE 4020951 A1 19920102; DE 59106170 D1 19950907; EP 0537175 A1 19930421; EP 0537175 B1 19950802; ES 2077229 T3 19951116; JP 3004354 B2 20000131; JP H05508209 A 19931118; RU 2068521 C1 19961027; US 5370355 A 19941206

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