

Title (en)  
MAGNETIC VALVE.

Title (de)  
MAGNETVENTIL.

Title (fr)  
ELECTROVANNE.

Publication  
**EP 0537175 B1 19950802 (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).

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)

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

DOCDB simple family (application)  
**DE 9100436 W 19910525**; CS 197291 A 19910627; DE 4020951 A 19900630; DE 59106170 T 19910525; EP 91909626 A 19910525; ES 91909626 T 19910525; JP 50906791 A 19910525; RU 92016498 A 19910525; US 96604592 A 19921230