

Title (en)  
DIRECT CURRENT-ENERGISED CONTROL CIRCUIT FOR A SOLENOID VALVE

Publication  
**EP 0361353 B1 19930428 (DE)**

Application  
**EP 89117647 A 19890925**

Priority  
DE 3832817 A 19880928

Abstract (en)  
[origin: EP0361353A1] An intrinsically safe control circuit for a gas solenoid valve compares the mean value of the current flowing in a pulsed fashion through the excitation winding (4) of the valve with the desired value supplied as control direct voltage, and derives therefrom a signal which controls the pulse duty factor of the supply current pulses. <IMAGE>

IPC 1-7  
**H01H 47/32**; **H01F 7/18**

IPC 8 full level  
**H01F 7/18** (2006.01); **H01H 47/32** (2006.01)

CPC (source: EP)  
**H01F 7/18** (2013.01); **H01H 47/325** (2013.01)

Cited by  
FR2777384A1; CN104595552A

Designated contracting state (EPC)  
DE FR GB IT NL

DOCDB simple family (publication)  
**EP 0361353 A1 19900404**; **EP 0361353 B1 19930428**; DE 3832817 A1 19900329; DE 58904194 D1 19930603

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**EP 89117647 A 19890925**; DE 3832817 A 19880928; DE 58904194 T 19890925