

Title (en)  
Valve

Title (de)  
Ventil

Title (fr)  
Soupape

Publication  
**EP 0855504 A1 19980729 (EN)**

Application  
**EP 98300164 A 19980112**

Priority  
GB 9701688 A 19970128

Abstract (en)  
A valve (10) for use in controlling the fuel pressure within an injector supply line (12) comprises a tubular guide member (20) having a central bore provided therein. A valve member (22) is slidable within the central bore. A holder (24) secures the guide member (20) within the outlet port provided in a fuel pump housing (16). The holder (24) includes a bore of relatively large diameter which together with the guide member (20) and valve member (22) defines a spring chamber (26). The valve member (22) defines a first flow passage (32,38) and a second flow passage (34,40). The valve member (22) is slidable between a first position in which the first and second flow passages (32,38;34,40) both communicate directly with the spring chamber (26) and a second position in which the direct communication between the first flow passage (32,38) and the spring chamber (26) is broken. The valve member (22) is resiliently biased by a spring (28) towards the first position. <IMAGE>

IPC 1-7  
**F02M 59/46**

IPC 8 full level  
**F02M 59/46** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)  
**F02M 59/462** (2013.01); **F02M 2200/30** (2013.01)

Citation (search report)  
• [X] FR 2300905 A1 19760910 - VYSOKE UCENI TECH BRNE [CS]  
• [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 122 (M - 476) 7 May 1986 (1986-05-07)

Cited by  
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