

Title (en)  
PRESSURE REGULATOR DEVICE

Publication  
**EP 0236752 B1 19891213 (DE)**

Application  
**EP 87101609 A 19870206**

Priority  
DE 3607812 A 19860308

Abstract (en)  
[origin: US4741315A] A pressure regulating apparatus which serves to regulate fuel pressure in a fuel injection system for internal combustion engines. The pressure regulating apparatus includes a pressure regulating valve, which has a valve diaphragm fastened in a valve housing and defining a fuel chamber, which communicates via an inlet conduit with a fuel distributor line. Protruding into the fuel chamber is a valve seat carrier body having a valve seat body, on which a valve seat is embodied, from which an outlet conduit leads to an outlet fitting. The pressure regulating valve is inserted into a holder bushing communicating with the fuel distributor line and is sealed off therefrom by a sealing ring disposed on the regulating valve. The axial fixation of the pressure regulating valve in the holder bushing is effected via a screw connection with a retaining body.

IPC 1-7  
**F02M 69/00**

IPC 8 full level  
**F02M 69/00** (2006.01); **F02M 55/02** (2006.01); **F02M 69/54** (2006.01)

CPC (source: EP US)  
**F02M 69/54** (2013.01 - EP US); **F02M 2200/803** (2013.01 - EP US)

Cited by  
FR2606831A1; GB2226111A; GB2204940A; FR2615298A1; GB2204940B; US6649380B1; WO9003513A1

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