

Title (en)

FUEL INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES AND A METHOD FOR PRODUCING SAME

Title (de)

KRAFTSTOFFEINSPRITZVENTIL FÜR BRENNKRAFTMASCHINEN UND EIN VERFAHREN ZUR HERSTELLUNG DESSELBEN

Title (fr)

SOUPAPE D'INJECTION DE CARBURANT POUR MOTEURS A COMBUSTION INTERNE ET PROCEDE PERMETTANT DE LA PRODUIRE

Publication

EP 1135605 A1 20010926 (DE)

Application

EP 00967601 A 20000920

Priority

- DE 0003268 W 20000920
- DE 19947195 A 19991001

Abstract (en)

[origin: DE19947195A1] The fuel injection valve has a valve body (2), containing a piston valve element (12), displaced axially against at least one closure spring (27,28), within a valve bore (21), for controlling at least one fuel injection channel (19), in response to the fuel pressure acting against a pressure shoulder (10) of the valve element. The closure spring is contained in a spring space (30) and acted on by a setting bolt (31,32), displaced axially for determining the opening pressure of the injection valve. An Independent claim for a manufacturing method for a fuel injection valve is also included.

IPC 1-7

F02M 61/20; **F02M 61/16**; **F02M 45/08**

IPC 8 full level

F02M 45/08 (2006.01); **F02M 61/16** (2006.01); **F02M 61/20** (2006.01); **F02M 65/00** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP KR)

F02M 45/083 (2013.01 - EP); **F02M 61/04** (2013.01 - KR); **F02M 61/168** (2013.01 - EP); **F02M 61/20** (2013.01 - EP); **F02M 2200/505** (2013.01 - EP)

Citation (search report)

See references of WO 0125621A1

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