

Title (en)
FUEL-INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES

Title (de)
KRAFTSTOFFEINSPRITZVENTIL FÜR BRENNKRAFTMASCHINEN

Title (fr)
SOUPAPE D'INJECTION DE CARBURANT POUR DES MOTEURS A COMBUSTION INTERNE

Publication
EP 1370766 A1 20031217 (DE)

Application
EP 02732326 A 20020313

Priority
• DE 0200880 W 20020313
• DE 10112426 A 20010315

Abstract (en)
[origin: DE10112426A1] The fuel injection valve has a valve element (10) enclosed by a pressure chamber (12), and a spring chamber (25) housing a spring (27) which loads the valve element with a closing force in the direction of the valve seat (16). The pressure chamber and spring chamber are connected by a throttling connection constructed so that the pressure in the spring chamber after termination of the injection cycle up to the beginning of the next cycle falls off at least approximately to the standing pressure.

IPC 1-7
F02M 61/20

IPC 8 full level
F02M 61/10 (2006.01); **F02M 45/08** (2006.01); **F02M 61/20** (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 02075149A1

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