

Title (en)  
FUEL INJECTION VALVE WITH A FILTER BUSH

Title (de)  
BRENNSTOFFEINSPRITZVENTIL MIT EINER FILTERHÜLSE

Title (fr)  
SOUPAPE D'INJECTION DE CARBURANT A DOUILLE FILTRANTE

Publication  
**EP 1377747 A1 20040107 (DE)**

Application  
**EP 02721980 A 20020227**

Priority  
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• DE 10109410 A 20010228

Abstract (en)  
[origin: WO02068816A1] A fuel injection valve (1) for fuel injection units on internal combustion engines, comprises a magnet coil (10), a valve needle (3), co-operating with the magnet coil (10) and acted upon in a return direction by a return spring (23), for operating a valve closing body (4), which forms a sealing seat together with a valve seat surface (6) and a bush (24) which serves to pre-tension the return spring (23). The bush (24) is embodied in one piece with a filter element (25) to give a one-piece deep-drawn filter bush (34), comprising through openings (35) for filtering fuel flowing through the fuel injection valve (1).

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IPC 8 full level  
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CPC (source: EP US)  
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Citation (search report)  
See references of WO 02068816A1

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