

Title (en)  
FUEL INJECTOR FOR INTERNAL COMBUSTION ENGINES

Title (de)  
KRAFTSTOFFEINSPRITZVENTIL FÜR BRENNKRAFTMASCHINEN

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

Publication  
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Application  
**EP 99938165 A 19990611**

Priority  
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Abstract (en)  
[origin: DE19841158A1] The invention relates to a fuel injector for internal combustion engines, comprising a valve member (7) which can be axially displaced in a hole (5) of a valve body (1) and at its valve stem (7) has a pressure shoulder (15) which acts in the direction of opening of the valve member (7) and protrudes into a pressure chamber (17) which via a pressure channel (21) can be filled with high-pressure fuel. The pressure channel (21) is eccentrically inclined in such a way that the fuel jet exiting therefrom enters the pressure chamber (17) eccentrically in relation to the valve member (7).

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**F02M 55/00**; **F02M 61/16**

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