

Title (en)  
FUEL INJECTOR

Title (de)  
KRAFTSTOFFINJEKTOR

Title (fr)  
INJECTEUR DE CARBURANT

Publication  
**EP 2047095 A1 20090415 (DE)**

Application  
**EP 07729829 A 20070604**

Priority  
• EP 2007055441 W 20070604  
• DE 102006034112 A 20060724

Abstract (en)  
[origin: WO2008012132A1] The invention relates to a fuel injector with an injector housing (6) comprising a pressure chamber (15), from which, depending on the pressure in a control chamber (22), pressurized fuel is injected into a combustion chamber of an internal combustion engine when the pressure in the control chamber (22) with the aid of a control valve device (12) is reduced so far, that a nozzle needle (10) opens. In order to present a fuel injector, constructed in a simple and cost efficient way, the pressure chamber (15) is sealed at an end away from the combustion chamber with a valve piece (30) having a sealing face or sealing edge facing away from the combustion chamber and lying against the injector housing (6).

IPC 8 full level  
**F02M 47/02** (2006.01)

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Citation (search report)  
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