

Title (en)  
Fuel injector valve

Title (de)  
Brennstoffeinspritzventil

Title (fr)  
Soupape d'injection de combustible

Publication  
**EP 2339167 B1 20130403 (DE)**

Application  
**EP 10189612 A 20101102**

Priority  
DE 102009055132 A 20091222

Abstract (en)  
[origin: EP2339167A1] The valve (1) has a housing part (2) i.e. retaining body, and a supply channel (3) arranged in the housing part and comprising an insertion area (4). The insertion area of the channel has a section (7) with an elliptical contour (8) and/or a section with a parabolic contour. The supply channel has a conical section that is arranged behind the insertion area in a flow direction (12). A canister filter is arranged in a cylindrical section of the insertion area, and a dust filter (6) is arranged in a cylindrical hole (5), where the hole is formed behind the insertion area in the flow direction.

IPC 8 full level  
**F02M 61/16** (2006.01)

CPC (source: EP)  
**F02M 61/165** (2013.01); **F02M 61/168** (2013.01); **F02M 55/005** (2013.01)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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