

Title (en)  
Fuel injector

Title (de)  
Brennstoffeinspritzventil

Title (fr)  
Injecteur de combustible

Publication  
**EP 1063418 B1 20031210 (EN)**

Application  
**EP 00305223 A 20000620**

Priority  
GB 9914792 A 19990625

Abstract (en)  
[origin: EP1063418A2] A fuel injector comprising a valve needle (12) slidable within a bore (11), a surface associated with the valve needle (12) being exposed to the fuel pressure within a control chamber (20), and a valve arrangement (23, 26) controlling the fuel pressure within the control chamber (20), the valve arrangement comprising an inlet fluid pressure actuatable valve (23) controlling communication between a supply passage (16) and the control chamber (20), and an outlet fluid pressure actuatable valve (26) controlling communication between the control chamber (20) and a drain chamber (29), the inlet and outlet fluid pressure actuatable valves (23, 26) being operable under the influence of fluid pressure within a common pressure chamber (35). <IMAGE>

IPC 1-7  
**F02M 47/02**; **F02M 59/46**

IPC 8 full level  
**F02M 47/02** (2006.01); **F02M 59/46** (2006.01)

CPC (source: EP)  
**F02M 47/027** (2013.01); **F02M 63/0026** (2013.01); **F02M 63/0033** (2013.01); **F02M 63/008** (2013.01); **F02M 2200/703** (2013.01)

Cited by  
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