

Title (en)  
Injector and valve group for the injector

Title (de)  
Einspritzventil und Ventilgruppe für das Einspritzventil

Title (fr)  
Injecteur et ensemble de soupape pour l'injecteur

Publication  
**EP 1724464 B1 20080716 (EN)**

Application  
**EP 05010066 A 20050509**

Priority  
EP 05010066 A 20050509

Abstract (en)  
[origin: EP1724464A1] A injector (1) has a fluid connection (3) for connecting the injector (1) to a fluid supply (5) and a fluid line (38) which guides the fluid from the fluid connection (3) to a fluid recess (20). The injector (1) further comprises a valve group (2) with a valve body. The valve body comprises the fluid recess (20) and a valve body recess which takes in a needle (8) movable in axial direction. The needle (8) prevents in a closed position of the needle (8) a fluid flow through an opening (11) in the valve body and otherwise enabling the fluid flow through the opening (11). A filter assembly is arranged downstream the fluid line (38) and next to the fluid recess (20) and/or downstream the fluid recess (20) and upstream the opening (11) of the valve body enabling filtering of the fluid downstream of the filter assembly.

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

CPC (source: EP)  
**F02M 51/0603** (2013.01); **F02M 61/165** (2013.01); **F02M 61/06** (2013.01); **F02M 2200/16** (2013.01)

Cited by  
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Designated contracting state (EPC)  
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