

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)

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