

Title (en)

FUEL INJECTION DEVICE

Title (de)

BRENNSTOFFEINSPRITZVORRICHTUNG

Title (fr)

DISPOSITIF D'INJECTION DE CARBURANT

Publication

**EP 2188516 B1 20111026 (DE)**

Application

**EP 08783475 A 20080905**

Priority

- CH 2008000375 W 20080905
- CH 14282007 A 20070913

Abstract (en)

[origin: WO2009033304A1] The invention relates to an injection device for injecting high-pressure fuel into the combustion chamber of an internal combustion engine, said device comprising an injection valve assigned to a discrete reservoir chamber (68). A non-return valve (74) operates between said chamber and the high-pressure supply line (44) and the filter (72), which is preferably designed as an edge filter (72'), forms a stop (106) for limiting the opening motion of the valve member (100) that is preferably designed as a valve member plate (100').

IPC 8 full level

**F02M 55/02** (2006.01); **F02M 55/00** (2006.01); **F02M 61/16** (2006.01); **F02M 63/02** (2006.01)

CPC (source: EP US)

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**F02M 63/0225** (2013.01 - EP US); **F02M 2200/40** (2013.01 - EP US)

Cited by

US9803603B2; WO2014131497A1

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DOCDB simple family (publication)

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EP 2188516 A1 20100526; EP 2188516 B1 20111026; US 2010170476 A1 20100708; US 8336524 B2 20121225

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