

Title (en)
Fuel injection apparatus

Title (de)
Kraftstoffeinspritzeinrichtung

Title (fr)
Dispositif d'injection de carburant

Publication
EP 1666718 A1 20060607 (DE)

Application
EP 05109512 A 20051013

Priority
DE 102004053268 A 20041104

Abstract (en)
The device has a booster pressure chamber (22) which is filled with fuel from a high pressure plenum chamber (2) by a return valve. The chamber (22) is connected with the chamber (2) by a venting duct (50) in an idle condition of a fuel injector (1). The duct has a venting throttle (51) which is connected in parallel to the valve. The duct is connected with a control line which is connected with a booster control chamber.

IPC 8 full level
F02M 57/02 (2006.01); **F02M 59/10** (2006.01)

CPC (source: EP)
F02M 47/027 (2013.01); **F02M 57/025** (2013.01); **F02M 59/105** (2013.01)

Citation (search report)
• [A] WO 2004003374 A1 20040108 - BOSCH GMBH ROBERT [DE], et al
• [A] WO 02093001 A1 20021121 - BOSCH GMBH ROBERT [DE], et al
• [A] WO 2004003375 A1 20040108 - BOSCH GMBH ROBERT [DE], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1666718 A1 20060607; DE 102004053268 A1 20060511

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