

Title (en)  
FUEL INJECTION DEVICE FOR AN INTERNAL COMBUSTION ENGINE

Title (de)  
KRAFTSTOFFEINSPRITZEINRICHTUNG FÜR EINE BRENNKRAFTMASCHINE

Title (fr)  
DISPOSITIF D'INJECTION DE CARBURANT POUR MOTEUR A COMBUSTION INTERNE

Publication  
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Application  
**EP 03714634 A 20030211**

Priority  
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• DE 10239429 A 20020828

Abstract (en)  
[origin: WO2004020816A1] The invention relates to a fuel injection device comprising a high pressure pump (14) through which the fuel is guided at high pressure into a reservoir (16). A feed pump (12) is provided for transporting fuel from a fuel tank (10) to the high pressure pump (14). A fuel measuring device (44) arranged between the feed pump (12) and the high pressure pump (14) enables the flow of fuel to the high pressure pump (14) to be regulated. A bypass connection (56) extends from the connection between the feed pump (12) and the fuel measuring pump (44) to a discharge area. Fuel is supplied from the feed pump (12) to the fuel measuring device (44) and/or to the bypass connection (56) by means of at least one channel (50) in a housing part (48) and in said at least one channel (50), at least one fuel filter (52, 60) is disposed upstream from the fuel measuring device (44) and/or the bypass connection (56).

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