

Title (en)  
FUEL-INJECTION SYSTEM COMPRISING PRESSURE REGULATION IN THE RETURN LINE

Title (de)  
KRAFTSTOFFEINSPRITZSYSTEM MIT DRUCKREGELUNG IN DER RÜCKLAUFLEITUNG

Title (fr)  
SYSTEME D'INJECTION DE CARBURANT AVEC REGULATION DE LA PRESSION DANS LA CONDUITE DE RETOUR

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Application  
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Abstract (en)  
[origin: WO02055873A1] The invention relates to a common rail fuel-injection system, in which the pressure in the return line (27) is regulated in accordance with the supply pressure of a presupply pump (19). This improves the operational behaviour of a high-pressure fuel pump (1) and the injectors, (not shown), that are supplied with fuel via a common rail (3). The pressure in the return line (27) is regulated using a pressure-control valve (31).

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