

Title (en)
FUEL-INJECTION SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

Title (de)
KRAFTSTOFFEINSPRITZSYSTEM FÜR EINE BRENNKRAFTMASCHINE

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

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Application
EP 98919115 A 19980319

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Abstract (en)
[origin: US6220224B1] The invention relates to a fuel-injection system for an internal combustion engine. The fuel-injection system contains a number of fuel injectors which are supplied with fuel by a high-pressure pump via a common inlet pipe and high-pressure lines leading from said pump to the individual fuel injectors. High-pressure storage devices are provided in each of the high-pressure lines in each of the high-pressure lines, the fuel storage volumes of said high-pressure storage devices being between 80 and 300 times, preferably between 120 and 200 times the maximum injection quantity per injection action. The diameter D2 of the high-pressure lines leading from the common inlet pipe to the high-pressure storage devices is measured to minimize the difference in the quantities of fuel injected by the fuel injectors.

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