

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

Title (de)  
KRAFTSTOFFEINSPRITZSYSTEM FÜR EINE BRENNKRAFTMASCHINE

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

Publication  
**EP 1123463 A1 20010816 (DE)**

Application  
**EP 00958211 A 20000802**

Priority  
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• DE 19939423 A 19990820

Abstract (en)  
[origin: US6688277B1] In a fuel injection system for an internal combustion engine, in which fuel at at least two differently high fuel pressures can be injected via injectors into the combustion chamber of the engine, parallel to a bypass line a hydraulic pressure booster is provided for generating the higher fuel pressure; the pressure booster is actuatable and deactuatable via a valve unit. Since the pressure booster is not constantly in operation, and the losses from friction are also reduced, the efficiency is improved.

IPC 1-7  
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IPC 8 full level  
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CPC (source: EP US)  
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Cited by  
DE102007014455A1; DE102007021327A1; WO2008107220A1; DE102007010495A1; EP2402588A1

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