

Title (en)  
FUEL INJECTION SYSTEM

Title (de)  
BRENNSTOFFEINSPRITZSYSTEM

Title (fr)  
SYSTEME D'INJECTION DE CARBURANT

Publication  
**EP 1427937 A1 20040616 (DE)**

Application  
**EP 02758113 A 20020723**

Priority  
• DE 0202696 W 20020723  
• DE 10145035 A 20010913

Abstract (en)  
[origin: US6863054B2] A fuel-injection system includes at least one fuel distributor and at least one fuel injector. The fuel distributor is embodied as an autonomous component and has a plurality of valve seats having several inner longitudinal openings in which the fuel injectors may be inserted. The valve seats, by their ends facing away from a fuel-supply channel of the fuel distributor, end in a freely exposed manner. At these ends of the valve seats at least one retaining element in each case is premolded or formed for the loss-proof mounting of the particular fuel injector. This fuel-injection system is particularly suited for the use in mixture-compressing internal combustion engines having external ignition.

IPC 1-7  
**F02M 69/46**; **F02M 51/00**; **F02M 61/14**

IPC 8 full level  
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CPC (source: EP KR US)  
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