

Title (en)
COMBINED STROKE/PRESSURE CONTROLLED FUEL INJECTION METHOD AND SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

Title (de)
KOMBINIERTES HUB-/DRUCKGESTEUERTES KRAFTSTOFFEINSPRITZ VERFAHREN UND -SYSTEM FÜR EINE BRENNKRAFTMASCHINE

Title (fr)
PROCEDE ET SYSTEME D'INJECTION DE CARBURANT COMBINEE PAR LEVEE/PRESSION POUR MOTEUR A COMBUSTION INTERNE

Publication
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Application
EP 00958207 A 20000802

Priority
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Abstract (en)
[origin: US6491017B1] In a method for injecting fuel at at least two differently high fuel pressures via injectors into the combustion chamber of an internal combustion engine, the fuel injection at the lower fuel pressure takes place under stroke control, and the fuel injection at the higher fuel pressure takes place under pressure control. For a pre- and/or post-injection and/or a boot injection at the lower fuel pressure, the control chamber and via a check valve the nozzle chamber as well are connected to a low-pressure fuel supply, and that for a main injection at the higher fuel pressure, the nozzle chamber is connected to the high-pressure fuel supply.

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