

Title (en)

INJECTION SYSTEM FOR A COMBUSTION ENGINE, PARTICULARLY FOR A DIESEL ENGINE

Title (de)

EINSPRITZSYSTEM FÜR EINE BRENNKRAFTMASCHINE, INSBESONDERE FÜR EINEN DIESELMOTOR

Title (fr)

SYSTEME D'INJECTION POUR MOTEUR A COMBUSTION INTERNE, NOTAMMENT MOTEUR DIESEL

Publication

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Application

**EP 04787218 A 20040927**

Priority

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- DE 10350892 A 20031031

Abstract (en)

[origin: WO2005042966A1] The invention relates to an injection system for a combustion engine, particularly for a diesel engine, comprising a high-pressure pump (1) for feeding fuel into at least one injector (4.1, 4.2, 4.3, 4.4) via at least one fuel line (5.1, 5.2, 5.3, 5.4) running between the high-pressure pump and the injector, and comprising a presupply pump, which is mounted upstream from the high-pressure pump and which serves to convey fuel out of a fuel tank and into the high-pressure pump. The inside diameter of the fuel line between the outlet of the high-pressure pump and the injector ranges from 0.025 to 0.065 l/cm<2> in relation to the integrated pump volume, whereby the volume of the injector ranges from 0.075 to 0.25 in relation to the integrated pump volume.

IPC 8 full level

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