

Title (en)

FUEL INJECTION SYSTEM HAVING AN UNRESTRICTED FUEL SUPPLY TO THE INJECTORS

Title (de)

KRAFTSTOFFEINSPRITZANLAGE MIT UNGEDROSSELTER KRAFTSTOFFZUFÜHRUNG ZU DEN INJEKTOREN

Title (fr)

SYSTÈMES D'INJECTION DE CARBURANT À ALIMENTATION EN CARBURANT NON ÉTRANGLÉE VERS LES INJECTEURS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2009132878A1] The invention relates to a fuel injection system (41) having at least one injector (1), wherein a storage space (6) is disposed in an injector body (2) in which a nozzle needle (12) is positioned. A fuel supply (8) feeds the highly pressurized fuel to an inlet space (29) via an inlet channel (7). In order to simplify a tuning of the fuel injection system (41), the inlet channel (7) communicates with a high-pressure source (9) in an unrestricted manner. The tuning of the injector with the fuel injection system is carried out via the closing throttle (32).

IPC 8 full level

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