

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

EP 2271836 B1 20121212 (DE)

Application

EP 09737922 A 20090304

Priority

- EP 2009052542 W 20090304
- DE 102008001423 A 20080428

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

F02M 47/02 (2006.01); **F02M 61/12** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)

F02M 47/027 (2013.01); **F02M 61/12** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102008001423 A1 20091029; EP 2271836 A1 20110112; EP 2271836 B1 20121212; WO 2009132878 A1 20091105

DOCDB simple family (application)

DE 102008001423 A 20080428; EP 09737922 A 20090304; EP 2009052542 W 20090304