

Title (en)

Fuel system for an internal combustion engine

Title (de)

Kraftstoffsystem für eine Brennkraftmaschine

Title (fr)

Système de combustible pour un moteur à combustion interne

Publication

EP 1262659 B1 20100804 (DE)

Application

EP 02011016 A 20020517

Priority

DE 10125982 A 20010529

Abstract (en)

[origin: EP1262659A2] The fuel injection system has a fuel tank (14), at least one fuel pump (16,22) and a fuel collection line (26) for the fuel injectors (28), supplied by the fuel pump. The pressure within the fuel collection line is controlled via a valve device (38) which remains closed upon normal pressure within the fuel collection line. Also included are Independent claims for the following:- (a) an engine for an automobile provided with a direct fuel injection system; (b) an operating method for an engine with a direct fuel injection system.

IPC 8 full level

F02M 37/00 (2006.01); **F02M 63/02** (2006.01); **F02D 41/38** (2006.01); **F02M 51/02** (2006.01); **F02M 55/02** (2006.01); **F02M 59/46** (2006.01); **F02M 69/00** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)

F02M 63/0052 (2013.01); **F02M 63/0225** (2013.01); **F02M 63/025** (2013.01); **F02D 2250/02** (2013.01); **F02M 2200/60** (2013.01)

Cited by

EP1643111A1; EP1491761A1; US7574297B2; US7204233B2; US6895936B2; WO2006100141A1

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