

Title (en)

Fuel injection system for an internal combustion engine

Title (de)

Kraftstoffeinspritzanlage für eine Brennkraftmaschine

Title (fr)

Système d'injection de combustible pour un moteur à combustion interne

Publication

**EP 0900932 B1 20020911 (DE)**

Application

**EP 98110449 A 19980608**

Priority

DE 19738397 A 19970903

Abstract (en)

[origin: EP0900932A1] The fuel injection system includes a dual fuel injection nozzle (12), with a pressure chamber (11) where fuel and an addition fluid are alternating supplied. A valve arrangement, has a controllable high-pressure fuel supply to the dual fuel injection nozzle. The connection of the pressure room with a low-pressure side and with an inlet conductor (26) of the additional fluid are also controllable. The valve arrangement includes a switching valve (16) which is formed, both for the control of the supply of the pressure chamber with high or low pressure, as well as for the control of the filling of the pressure chamber with the additional fluid.

IPC 1-7

**F02M 43/04**; **F02M 47/02**; **F02M 59/46**

IPC 8 full level

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CPC (source: EP US)

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Cited by

CN102084117A; EP3483420A1

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