

Title (en)

INJECTION VALVE WITH A CAPACITIVE VALVE LIFT SENSOR

Title (de)

EINSPRITZVENTIL MIT KAPAZITIVEM VENTILHUBSENSOR

Title (fr)

SOUPAPE D'INJECTION A DETECTEUR DE COURSE DE SOUPAPE CAPACITIF

Publication

EP 1656499 A1 20060517 (DE)

Application

EP 04742011 A 20040729

Priority

- EP 2004051658 W 20040729
- DE 10338489 A 20030821

Abstract (en)

[origin: DE10338489B3] The device has an electrically conducting injection injector body (14) connected to an electric circuit and with a nozzle body with a valve seat (4) and a closure element in the form of a valve needle (5) connected to an electric circuit at its end remote from the valve seat. The voltage connection of the circuit is made via an insulated conductor (16) fed in an axial bore (19) in the injector body and connected to an isolated conducting contact spring (17).

IPC 1-7

F02M 65/00; **F02M 47/02**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2005021958A1

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