

Title (en)

Injector for an injection system of an internal combustion engine

Title (de)

Injektor für eine Einspritzanlage einer Brennkraftmaschine

Title (fr)

Injecteur pour un dispositif d'injection d'un moteur à combustion interne

Publication

EP 1030053 A3 20030514 (DE)

Application

EP 00103161 A 20000216

Priority

DE 19906383 A 19990216

Abstract (en)

[origin: EP1030053A2] The injector (3) has a jet needle (9) displaced axially within aligned bores (10,11) provided by an intermediate body (2) and a jet body (1), for controlling the fuel feed to at least one injection opening (7) at the end of the jet body. The fuel is supplied to the side of a pressure chamber (6) within the jet body via a feed bore (4) in the intermediate body leading to a feed bore (5) in the jet body at an acute angle of more than 10 degrees to the jet needle bore.

IPC 1-7

F02M 61/04; **F02M 61/16**; **F02M 61/12**; **F02M 61/10**

IPC 8 full level

F02M 61/10 (2006.01); **F02M 61/12** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)

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Citation (search report)

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EP1422418A1; WO2004016937A1

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