

Title (en)

Fuel injector for internal combustion engines

Title (de)

Kraftstoffeinspritzventil für Brennkraftmaschinen

Title (fr)

Injecteur de combustible pour moteurs à combustion interne

Publication

EP 0826878 B1 20020515 (DE)

Application

EP 97110726 A 19970701

Priority

DE 19634716 A 19960828

Abstract (en)

[origin: EP0826878A1] The valve sealing surface works in conjunction with a valve seat surface (13) on the valve body (1) for controlling an injection opening cross-section. A lift stop surface (35) is located opposite to the valve body (1), and on which the valve member (8) after executing an outwardly directed maximum opening stroke comes to locate with a locating surface (37). The fixed lift stop surface (35) and the valve member locating surface (37) working in conjunction with it are conically formed. The transition between the conical locating surface (37) on the valve member (8) to its cylindrical shaft is arched and has a large radius.

IPC 1-7

F02M 61/08; **F02M 61/16**

IPC 8 full level

F02M 61/04 (2006.01); **F02M 61/08** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)

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Cited by

US6113011A; WO9928619A1

Designated contracting state (EPC)

DE FR GB IT

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