

Title (en)

A FUEL INJECTOR FOR INTERNAL COMBUSTION ENGINES.

Title (de)

KRAFTSTOFFEINSPRITZVENTIL FÜR VERBRENNUNGSMOTOREN.

Title (fr)

INJECTEUR DE CARBURANT POUR MOTEURS A COMBUSTION INTERNE.

Publication

EP 0606371 B1 19950809 (EN)

Application

EP 92921416 A 19920924

Priority

- DK 169891 A 19911004
- DK 9200282 W 19920924

Abstract (en)

[origin: WO9307386A1] A fuel injector valve for internal combustion engines includes a slide valve (10) journaled in a valve guide (8). The slide valve is composed of a rearmost, comparatively thick section (11) and a foremost, comparatively thin section (12) extending downwards into a bore (13) in the atomizer (9). The foremost section (12) is as an exchangeable unit secured to the section (11) and provided with a shank (28) carrying at its foremost end a cylindrical end portion (29) which may open or close the nozzle holes. Due to the thin and long shank (28) the foremost section is so flexible that the end section (29) will conform itself to the bore (13) of the atomizer, i.e. independently of how the rearmost section is journaled in the valve guide (8). This entails that the foremost section of the slide valve may be manufactured independently of the manufacturing of the rearmost slide section (11).

IPC 1-7

F02M 61/12

IPC 8 full level

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CPC (source: EP KR)

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Cited by

WO9953196A1; DE19815918A1; CN1093226C

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WO 9307386 A1 19930415; DE 69204075 D1 19950914; DE 69204075 T2 19960425; DK 167502 B1 19931108; DK 169891 A 19930405; DK 169891 D0 19911004; EP 0606371 A1 19940720; EP 0606371 B1 19950809; HR P920658 A2 19941031; HR P920658 B1 19980831; JP 3027191 B2 20000327; JP H06511064 A 19941208; KR 100253673 B1 20000501; KR 940702982 A 19940917; PL 169883 B1 19960930; TW 250529 B 19950701

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