

Title (en)

FUEL INJECTOR FEATURING DIRECT NEEDLE CONTROL

Title (de)

KRAFTSTOFFINJEKTOR MIT DIREKTER NADELSTEUERUNG

Title (fr)

INJECTEUR DE CARBURANT A COMMANDE DE POINTEAU DIRECTE

Publication

EP 1692392 B1 20071114 (DE)

Application

EP 04762764 A 20040907

Priority

- DE 2004001982 W 20040907
- DE 10352736 A 20031112

Abstract (en)

[origin: WO2005050002A1] The invention relates to a fuel injector for internal combustion engines comprising a high-pressure fuel tank (5). Said fuel injector encompasses a pressure booster (8) and an injection valve member (10) that is provided with at least one booster section (11) and a needle section (13) which closes at least one injection port (16). The pressure booster (8) is accommodated inside a booster housing (9) and rests on a spring element (27) that surrounds the booster housing (9) such that the booster housing (9) is fixed onto a nozzle housing part (15) which encloses the injection valve member (10).

IPC 8 full level

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