

Title (en)

FUEL INJECTOR WITH A DIRECT CONTROLLED INJECTION VALVE MEMBER

Title (de)

KRAFTSTOFFINJEKTOR MIT DIREKTGESTEUERTEM EINSPRITZVENTILGLIED

Title (fr)

INJECTEUR DE CARBURANT AVEC OBTURATEUR D'INJECTION A COMMANDE DIRECTE

Publication

**EP 1714025 A1 20061025 (DE)**

Application

**EP 04804653 A 20041202**

Priority

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Abstract (en)

[origin: WO2005075811A1] The invention relates to a fuel injector for injecting fuel into a combustion chamber (30) of a combustion engine, comprising an injector body (2) and a nozzle holder (3) in which an injection valve member (5) is movably lodged, said member having a seat (28) that releases or closes the injection holes (29) and said injection valve member (5) being actuated by means of a piezo actuator (9). The invention is characterized in that the piezo actuator (9) actuates a first multiplying piston (11) in which a second multiplying piston (19) that is connected to the injection valve member (5) is guided.

IPC 8 full level

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Citation (search report)

See references of WO 2005075811A1

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