

Title (en)

FUEL INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES AND A METHOD FOR MANUFACTURING SAID VALVE

Title (de)

KRAFTSTOFFEINSPRITZVENTIL FÜR BRENNKRAFTMASCHINEN UND EIN VERFAHREN ZUR HERSTELLUNG DESSELBEN

Title (fr)

SOUPAPE D'INJECTION DE CARBURANT POUR MOTEURS A COMBUSTION INTERNE ET PROCEDE DE FABRICATION DE LADITE SOUPAPE

Publication

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Application

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Abstract (en)

[origin: WO03016708A1] The invention relates to a fuel injection valve for internal combustion engines, comprising a valve body (1) and at least one injection opening (11), provided therein. Fuel can be injected through said opening into the combustion chamber of the internal combustion engine in a controlled manner by a valve needle (5) which cooperates with a valve seat (9), provided in the valve body (1). Said valve body (1) is composed of a high-alloy hot-work steel, hardened by a carburizing method.

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IPC 8 full level

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