

Title (en)

FUEL INJECTION VALVE FOR ARRANGEMENT IN A COMBUSTION CHAMBER OF AN INTERNAL COMBUSTION ENGINE

Title (de)

KRAFTSTOFFEINSPRITZVENTIL ZUR ANORDNUNG AN EINEM BRENNRAUM EINER BRENNKRAFTMASCHINE

Title (fr)

INJECTEUR DE CARBURANT DESTINÉ À ÊTRE DISPOSÉ SUR UNE CHAMBRE DE COMBUSTION D'UN MOTEUR À COMBUSTION INTERNE

Publication

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Application

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Abstract (en)

[origin: WO2010015454A1] The invention relates to a fuel injection valve for arrangement in a combustion chamber (40) of an internal combustion engine, comprising a nozzle support with a nozzle body (30) disposed thereon in fixed fashion by way of a nozzle clamping nut (20), said nozzle body designed to protrude into the combustion chamber (40) and being provided for holding a nozzle needle, and at least one annular combustion chamber sealing element (50) comprising an upper support surface (60) facing the nozzle clamping nut (20) and a lower support surface (70) facing the combustion chamber (40), said lower surface surrounding the nozzle body (30) and being provided for sealing the nozzle support off from the combustion chamber (40). The invention is characterized in that at least one additional sealing element (80) is provided for sealing the nozzle body (30) in the area of the nozzle clamping nut (20).

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