

Title (en)

NOZZLE ASSEMBLY FOR A FUEL INJECTOR, AND FUEL INJECTOR

Title (de)

DÜSENBAUGRUPPE FÜR EINEN KRAFTSTOFFINJEKTOR SOWIE KRAFTSTOFFINJEKTOR

Title (fr)

ENSEMBLE D'INJECTION DESTINÉ À UN INJECTEUR DE CARBURANT ET INJECTEUR DE CARBURANT

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Application

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Abstract (en)

[origin: WO2015180883A1] The invention relates to a nozzle assembly for a fuel injector, comprising a nozzle needle (1), which is accommodated in a high-pressure bore (2) of a nozzle body (3) in such a way that the nozzle needle can be moved in a reciprocating manner in order to open and close at least one injection opening (4) and to which a spring force of a spring (5) is applied at least indirectly in a closing direction, wherein the nozzle needle (1) is surrounded by a throttle bore body (7) at least in some regions in order to form at least one closing throttle (6). According to the invention, the throttle bore body (7) has a multi-part design and comprises at least two sleeves (7.1, 7.2), which are guided in each other at least in some regions. The invention further relates to a fuel injector comprising such a nozzle assembly.

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