

Title (en)
FUEL INJECTION VALVE WITH AN IMPROVED HIGH-PRESSURE CONNECTION

Title (de)
KRAFTSTOFFEINSPRITZVENTIL MIT VERBESSERTEM HOCHDRUCKANSCHLUSS

Title (fr)
INJECTEUR DE CARBURANT DOTÉ D'UN RACCORD HAUTE PRESSION AMÉLIORÉ

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Application
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Abstract (en)
[origin: WO2012098087A1] The present invention relates to a fuel injection apparatus, comprising a rail (2) with at least one outflow opening (21), at least one injector (3) which is arranged on the rail (2), a connection piece (4) which is arranged on the injector (3), and a flange element (5) for fastening the injector (3) to the rail (2), wherein the flange element (5) has a central opening (50), through which the connection piece (4) is guided, wherein a metal-to-metal seal (9) is provided between the connection piece (4) and the rail (2), wherein the connection piece (4) is formed in one piece with an undercut (42), and wherein the flange element (5) acts on the undercut (42) of the connection piece (4), and the connection piece (4) presses against the rail (2) in a sealing way.

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