

Title (en)
FUEL INJECTOR HAVING CONTROL VALVE MEMBERS CONNECTED IN SERIES

Title (de)
INJEKTOR ZUM EINSPRITZEN VON KRAFTSTOFF MIT IN REIHE GESCHALTETEN STEUERVERTILGLIEDERN

Title (fr)
INJECTEUR DE CARBURANT COMPRENANT DES OBTURATEURS DE COMMANDE MONTES EN SERIE

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Application
EP 02742697 A 20020426

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Abstract (en)
[origin: WO02090765A1] The invention relates to a fuel injector for injecting fuel in the combustion chamber of a combustion engine. Said injector comprises a body (2) having a body bore (8) in which a first 3/2 control valve (6) is located, said valve body (7) comprising a sliding part (18) and having a seat diameter (11). The valve body (7) of said 3/2 control valve (6) is driven by an actuator (40) directly or indirectly through translation elements (3, 4). A valve member (30) of another control valve (29) is forcibly driven by means of the valve body (7) of said 3/2 control valve (6) through a transmission element (26). When the valve body (7) is in a first position inside the body bore (8), the transmission element (26) is located at a distance h1 (25) from said valve body (7).

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