

Title (en)
CONTROL VALVE FOR FUEL INJECTOR

Title (de)
STEUERVENTIL FÜR KRAFTSTOFFINJEKTOR

Title (fr)
VANNE DE COMMANDE POUR INJECTEUR DE CARBURANT

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Application
EP 16701958 A 20160129

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Abstract (en)
[origin: WO2016124496A1] The invention relates to a control valve for a control chamber of a fuel injector, which valve includes a body (34) provided with a bore (36); a generally cylindrical jacket (38) inserted into the bore (36) and including an axial passage (40), a cross-section of which defines an inner fuel passage (44) with a sealing seat (50); a sealing rod (42) sliding axially inside the jacket (38) and configured to enable or prevent the flow of fuel downstream from the seat (50), the sealing rod (42) including an actuating end (48) for connecting to an actuating device (28) outside of the jacket. An annular compensation chamber (52) surrounds the jacket (38). The inner fuel passage (44) has an outlet opening (48) located downstream from the sealing seat (50) in the jacket portion opposite the actuating end (48) of the sealing rod (42).

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