

Title (en)

VALVE FOR CONTROLLING AN INJECTION VALVE OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VENTIL ZUR STEUERUNG EINES EINSPRITZVENTILS EINER BRENNKRAFTMASCHINE

Title (fr)

SOUPAPE POUR COMMANDER UNE SOUPAPE D'INJECTION D'UN MOTEUR A COMBUSTION INTERNE

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Application

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Abstract (en)

[origin: WO2006131411A1] The valve (1) according to the invention for controlling an injection valve of an internal combustion engine comprises a valve element (6) which is arranged in a stepped bore (4) of the valve housing (5) with the formation of a high-pressure-side annular space (2) which is sealed with respect to the valve housing (5) by sealing contact of the valve element (6) with a first annular shoulder (8) of the bore (4) and, axially spaced apart therefrom, by a sealing ring (9), the sealing ring (9) being arranged between an annular shoulder (10) of the valve element (6) and a second annular shoulder (12) of the bore (4), in particular being clamped in with prestress.

IPC 8 full level

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