

Title (en)
INJECTION DEVICE FOR INTERNAL COMBUSTION ENGINES COMPRISING A CONTROL VALVE AND A VALVE FOR CONTROLLING THE SUPPLY OF FUEL TO AN INJECTION DEVICE

Title (de)
EINSPRITZEINRICHTUNG FÜR BRENNKRAFTMASCHINEN MIT EINEM STEUVENTIL UND VENTIL ZUM STEUERN DER KRAFTSTOFFZUFUHR IN EINER EINSPRITZEINRICHTUNG

Title (fr)
SYSTEME D'INJECTION POUR MOTEURS A COMBUSTION INTERNE, COMPRENANT UNE SOUPAPE DE COMMANDE, ET SOUPAPE DE COMMANDE D'AMENEE DE CARBURANT DANS UN SYSTEME D'INJECTION

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Application
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Priority
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Abstract (en)
[origin: WO03087566A1] A known control valve, especially for controlling a piston of a pressure intensifier (9) of an injection device for internal combustion engines is already known per se. Said control valve comprises a control valve housing (1), fluid lines (5) and a control valve piston (3) which can be displaced in a controlled manner in the housing in at least two operational positions (I, II, III). Said piston controls at least the fluidic connection between a first chamber (7) and a second chamber (9) having a first flow rate (D1) or a reduced second flow rate (D2). In order to produce said control valve which enables the precise control of the reduced second flow rate and which is simple to construct, a throttle (15, 17) is provided. Said throttle adjusts the reduced second flow rate (D2) and is arranged outside the control valve piston (3) and in front of the second chamber (9).

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IPC 8 full level
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Citation (search report)
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