

Title (en)
CONTROL VALVE ARRANGEMENT

Title (de)
STEUERVENTILANORDNUNG

Title (fr)
AGENCEMENT DE SOUPAPE DE COMMANDE

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Abstract (en)
[origin: WO2016150604A1] A control valve member (44) of a fuel injector control valve assembly (14) adapted to be arranged in a control valve chamber (42) wherein it is guided in translation along a valve axis (X2) between a closed position forbidding fuel to exit a spill orifice (58) and an open position enabling fuel to exit said spill orifice (58), the control valve member (44) comprising a magnetic armature (102) to which is fixed a seat member (104). The armature (102) is adapted to cooperate with an electromagnetic solenoid (36) in order for the seat member (104) be move between the closed position wherein it is in sealing abutment against a fixed seating face (60), and the open position wherein said seat member (104) is lifted away from said fixed seating face (60). The control valve member (44) further comprises a spring member adapted to guide in translation along the valve axis (X2) the seat member (104) in the control valve chamber (42).

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