

Title (en)
VALVE ASSEMBLY ARRANGEMENT FOR AN INJECTION VALVE AND INJECTION VALVE

Title (de)
VENTILMONTAGEANORDNUNG FÜR EIN EINSPRITZVENTIL UND EINSPRITZVENTIL

Title (fr)
AGENCEMENT D'ENSEMBLE DE SOUPAPE POUR SOUPAPE D'INJECTION ET LADITE SOUPAPE

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Application
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Abstract (en)
The invention regards a valve assembly arrangement (2) for an injection valve (1), comprising a first valve assembly (3) and a second valve assembly (4), wherein the latter is axially arranged adjacent to and coupled to the first valve assembly (3), wherein the second valve assembly comprises a valve housing section (14) having an orifice (15) at an axial end area (16) of the valve housing (5), the second valve assembly comprises a cavity (17) in its valve housing section and the second valve assembly comprises a valve needle (18) being axially movable in said cavity between a closing position and other positions. The invention suggests that the second valve assembly (4) comprises a first magnetic member (20) being fixed to the valve needle (18) of the second valve assembly (4), that the second valve assembly (4) comprises a second magnetic member (21) being fixed to the valve housing section (14) of the second valve assembly (4), that at least one of the first magnetic member (20) and the second magnetic member (21) includes permanent-magnetic material or consists of permanent-magnetic material, and that the second valve assembly (4) is of the outward opening type and the first magnetic member (20) is disposed at a side (27) of the second magnetic member (21) wherein said side (27) is facing the axial end area (16).

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Citation (applicant)
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