

Title (en)
FUEL-INJECTION VALVE AND A METHOD FOR SETTING THE SAME

Title (de)
BRENNSTOFFEINSPRITZVENTIL UND VERFAHREN ZU DESSEN EINSTELLUNG

Title (fr)
SOUPAPE D'INJECTION DE CARBURANT ET PROCEDE DE REGLAGE

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Application
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Abstract (en)
[origin: DE10130239A1] The invention relates to a fuel-injection valve (1) for fuel-injection systems of internal combustion engines, in particular for directly injecting fuel into the combustion chamber of an internal combustion engine. Said valve comprises an actuator (10), a valve needle (3), which co-operates with the actuator (10) and is impinged by a return spring (23) in the closing direction, for actuating a valve closing body (4) that forms a seal seat with a valve-seat surface (6), and a setting sleeve (24), which impinges the return spring (23) with a pre-tension. The setting sleeve (24) is well-shaped and has an excentric bore (38) in the base (37), said bore forming a variable overlap with an excentric bore (36) in the base (35) of a similarly well-shaped internal sleeve (34) that can be inserted into the setting sleeve (24).

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