

Title (en)
METHOD OF ADJUSTING A VALVE, AND VALVE WHICH CAN BE ADJUSTED BY THIS METHOD.

Title (de)
VERFAHREN ZUR EINSTELLUNG EINES VENTILS UND VENTIL.

Title (fr)
PROCEDE POUR LE REGLAGE D'UNE SOUPAPE ET SOUPAPE.

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Application
EP 91912502 A 19910717

Priority
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Abstract (en)
[origin: WO9203650A1] In prior art electromagnetically operated valves, the amount of fluid which flows through the valve when the valve is opened and closed can be adjusted by changing the force exerted by the return spring acting on the valve-closure body. For this to be possible, however, the assembled valve has to incorporate a return-spring adjustment facility in the form of an easily accessible adjustment element. With the method proposed for adjusting the amount of fluid delivered by an electromagnetically operated valve when the valve is opened and closed, the valve-housing cover (10) and wall (9) are displaced with respect to each other, thus varying the critical magnetic cross-section of the choke coil limiting the magnetic flux in the magnetic circuit, until the measured amount of fluid delivered corresponds to the amount required. The method proposed is particularly suitable for electromagnetically operated fuel injection valves in internal-combustion engines.

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