

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.

Publication  
**EP 0496844 B1 19951011 (DE)**

Application  
**EP 91912502 A 19910717**

Priority  
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• DE 4026531 A 19900822

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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**WO 9203650 A1 19920305**; AU 8181891 A 19920317; CS 258391 A3 19920318; DE 4026531 A1 19920227; DE 59106680 D1 19951116; EP 0496844 A1 19920805; EP 0496844 B1 19951011; ES 2079072 T3 19960101; JP 3027187 B2 20000327; JP H05501749 A 19930402; US 5217036 A 19930608

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