

Title (en)  
METHOD AND DEVICE FOR CONTROLLING A VALVE

Title (de)  
VERFAHREN UND VORRICHTUNG ZUM STEUERN EINES VENTILS

Title (fr)  
PROCÉDÉ ET DISPOSITIF DE COMMANDE D'UNE SOUPAPE

Publication  
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Application  
**EP 12718664 A 20120503**

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Abstract (en)  
[origin: WO2012150308A2] The invention relates to a valve (20) that comprises a spring (32) having a spring force (F<sub>1</sub>), an actuator (42) having an actuator force (F<sub>2</sub>) that acts against the spring force (F<sub>1</sub>), and a tappet (34) that can be actuated by means of the actuator (42). Furthermore, the valve (20) comprises a sealing element (36), which is or can be coupled to the tappet (34), and a sealing seat (38), such that the valve (20) is closed when the sealing element (36) lies against the sealing seat (38). A current having a specified curve is applied, proceeding from an initial value (I<sub>0</sub>) of the current to a specified final value (I<sub>END</sub>) of the current, during a specified time interval of the actuator after a closing phase of the valve (20) for a normally open valve or after an opening phase for a normally closed valve. The initial value (I<sub>0</sub>) of the current is less than the final value (I<sub>END</sub>).

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