

Title (en)

DEVICE AND PROCESS FOR SETTING VALVE TRAVEL

Title (de)

VORRICHTUNG UND VERFAHREN ZUM EINSTELLEN EINES VENTILHUBS

Title (fr)

DISPOSITIF ET PROCEDE DE REGLAGE D'UNE COURSE DE SOUPAPE

Publication

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Application

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Abstract (en)

[origin: US5787583A] PCT No. PCT/DE95/00576 Sec. 371 Date Jan. 11, 1996 Sec. 102(e) Date Jan. 11, 1996 PCT Filed Apr. 29, 1995 PCT Pub. No. WO95/30830 PCT Pub. Date Nov. 16, 1995An apparatus and a method are proposed for adjusting a valve lift, particularly a valve needle lift of an injection valve of an internal combustion engine, wherein a valve seat, which is preset in a housing of the valve (20), is axially displaceable in the housing by means of plastic deformation. The apparatus is provided with an adjustment device (50) which generates a feeding motion for a pressing tool (53, 55) in the direction of the plastic deformation and with a measuring device (30) which determines the valve lift that is changeable by way of the plastic deformation of the valve seat and compares the valve lift with a preset desired value, with the adjustment device (50) being controllable by way of the desired value/actual value comparison. The pressing tool (53, 55) is fed by means of a first and, if necessary, by means of at least one further feeding process. From the values obtained by the first feeding process a characteristic is formed during a learning phase, from which a further feed for the respective further feeding process is determined.

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