

Title (en)
METHOD FOR PRODUCING A VALVE

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES VENTILS

Title (fr)
PROCÉDÉ DE FABRICATION D'UNE SOUPAPE

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Application
EP 13703824 A 20130213

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Abstract (en)
[origin: WO2013135451A1] The invention relates to a method for producing a valve, in particular an electromagnetically actuatable pressure control valve for a high-pressure accumulator of an internal combustion engine. The valve comprises an anchor pin (1) which is received in a valve housing in an axially movable manner and which has a dome (2) at one end face, said dome being introduced by means of a stamping process. The dome (2) stamping process is carried out outside of the valve housing by means of a tool. A tool for stamping a dome (2) into an end face of an anchor pin (1) of such a valve comprises a guide body (4) with a guide bore (3) and a stamping body (6) which is received in the guide bore (3) for plastically deforming the end face of the anchor pin (1), the diameter of said guide bore (3) being selected in relation to the diameter of the anchor pin (1) such that a clearance of less than 15 micrometers, preferably 10 micrometers, remains between the inserted anchor pin (1) and the guide body (4).

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