

Title (en)

METHOD FOR PRODUCING A WELL IN A VALVE NEEDLE OF A VALVE

Title (de)

VERFAHREN ZUM HERSTELLEN EINER KALOTTE IN EINER VENTILNADEL EINES VENTILS

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE CALOTTE DANS UNE AIGUILLE D'INJECTEUR D'UNE SOUPAPE

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Application

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Abstract (en)

[origin: WO2018065221A1] The invention relates to a method for producing a well (26) in a valve needle (28) of a valve (24) with a valve seat (30), a sealing ball (32) and a needle guide (34). In the valve (24), a space between the valve seat (30) and the sealing ball (32) forms a valve gap (36) and the needle guide (34) axially moveably supports the valve needle (28). The sealing ball (32) and the valve needle (28) having a needle tip (40) are provided. A well (26) for contacting the sealing ball (32) is generated in the needle tip (40). The well (26) is at least partially impressed by a force effect of the sealing ball (32).

IPC 8 full level

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