

Title (en)

NOZZLE CLAMPING NUT FOR INJECTION VALVES AND METHOD FOR PRODUCING SAID NOZZLE CLAMPING NUT

Title (de)

DÜSENSPANNMUTTER FÜR EINSPRITZVENTIL SOWIE VERFAHREN ZUR HERSTELLUNG DER DÜSENSPANNMUTTER

Title (fr)

ECROU TENDEUR DE BUSE POUR SOUPAPE D'INJECTION ET PROCEDE DE PRODUCTION DUDIT ECROU TENDEUR DE BUSE

Publication

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Application

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Abstract (en)

[origin: WO03062630A1] Known nozzle clamping nuts for an injection valve comprise two sections in the longitudinal direction, having different-sized free inner diameters (D1, D2). A shoulder forms a bearing surface (9) in a transition region between the first and second sections, extending in a circular manner perpendicularly to the longitudinal direction. The aim of the invention is to create a nozzle clamping nut having a large bearing surface with low stress concentration. To this end, the inventive nozzle clamping nut consists of an inner tube (3) and an outer tube (1) which have different-sized inner diameters (D1, D2), which fit inside each other and which are connected to each other in a fixed manner, and the bearing surface (9) is formed by the annular front surface of the inner tube (3).

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