

Title (en)

Method for producing an injector with a common plane end face

Title (de)

Verfahren zur Herstellung eines Einspritzventils mit einer in einer gemeinsamen Ebene liegenden Endfläche

Title (fr)

Procédé pour fabriquer un injecteur ayant une face terminale dans un plan commun

Publication

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Application

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Priority

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Abstract (en)

The invention describes a method for producing a plane common face (8) for an end face (7) of a needle (1) and an end face (8) of a corresponding nozzle (2) of an outwardly opening injector. The nozzle (2) and the needle (1) are produced with shapes, which fit at least roughly together, the needle (1) comprising a closing member (4) with an upper end face (19) with a second sealing face (5) and a lower end face (7) and the nozzle (2) comprising an opening end with an inner end face (18) with a first sealing face (3) and an outer end face (6). Moreover, the needle (1) is inserted into the nozzle (2) from the opening end and pressed with the second sealing face (5) against the first sealing face (3) of the nozzle. Afterwards the lower end face (7) of the needle (1) and the outer end face (6) of the nozzle are grinded to a common plane end face (8), which is at least at the border of the lower end face (7) and the outer end face (6). <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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