

Title (en)

INJECTOR PLATE, ESPECIALLY FOR FUEL INJECTION VALVES, AND PROCESS FOR ITS PRODUCTION

Title (de)

DÜSENPLATTE, INSBESONDERE FÜR KRAFTSTOFFEINSPRITZVENTILE, UND VERFAHREN ZUR HERSTELLUNG EINER DÜSENPLATTE

Title (fr)

PLAQUE D'INJECTEUR, NOTAMMENT POUR SOUPAPES D'INJECTION DE CARBURANT, ET PROCEDE POUR SA FABRICATION

Publication

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Application

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Priority

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Abstract (en)

[origin: DE19530193A1] The present invention relates to an injector plate (10), especially for fuel injection valves, with at least one flow path with at least one inlet aperture (12) comprising an annular slot (15) opening into an annular outlet aperture (19), and a process for producing such an injector plate (10). The flow path of the injector plate (10) has an annular channel (14) allocated to the inlet aperture (12) merging into a cylindrical annular slot (15) with a cross section tapering in the region of the outlet aperture (19, 19'). To produce the injector plate (10), a hollow shape (30) corresponding to the flow path through the injector plate (10) is made, a layer (44) embedding the hollow shape (30) is galvanically deposited and the hollow shape (30) is removed from the galvanically deposited layer (44).

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