

Title (en)

VALVE WITH COMBINED VALVE SEAT BODY AND PERFORATED INJECTION DISK

Title (de)

VENTIL MIT KOMBINIERTEM VENTILSITZKÖRPER UND SPRITZLOCHSCHEIBE

Title (fr)

SOUPAPE A CORPS DE SIEGE DE SOUPAPE ET A DISQUE PERFORE D'INJECTION COMBINES

Publication

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Application

EP 97947687 A 19971018

Priority

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- DE 19653832 A 19961221

Abstract (en)

[origin: DE19653832A1] A valve, in particular a fuel injection valve for fuel injection systems of internal combustion engines, has a valve seat surface (17) designed on a valve seat body (14) which co-operates with a valve closure body (8) capable of being actuated to tightly close the valve, as well as a perforated injection disk (15) with at least one injection hole (18). According to the disclosed embodiment, the valve seat body (14) and the perforated injection disk (15) are made of a single flat, deformable workpiece (16). The workpiece (16) is shaped as a pot so that in the area of the valve seat surface (17) it tightly lies on the non-actuated valve closure body (8) in the closed state of the valve (1) and in an area located downstream of the valve seat surface (17) it forms the perforated injection disk (15) with at least one injection hole (18).

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