

Title (en)

VALVE AND METHOD FOR PRODUCING A VALVE SEAT FOR A VALVE

Title (de)

VENTIL UND VERFAHREN ZUR HERSTELLUNG EINES VENTILSITZES FÜR EIN VENTIL

Title (fr)

SOUPAPE ET PROCEDE DE REALISATION D'UN SIEGE DESTINE A UNE SOUPAPE

Publication

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Application

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Priority

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- DE 19726991 A 19970625

Abstract (en)

[origin: DE19726991A1] The valve provided for in the invention is characterized in that it comprises a perforated disk (16) having at least two metallic sheet layers (20) contacting each other in a sandwich-like manner. Said perforated disk (16) comprises at least one floor area (22) having an opening geometry (23) required for injecting the medium and a seat area (24) with a valve seat surface (25) in such a way that the functions of the valve seat and the perforated disk are combined in one laminated sheet element. The invention also provides for a method for producing a valve seat for such a valve from metal sheets arranged in a sandwich-like manner. Said valve is especially suited for use in fuel injection units of spark-ignited internal combustion engines with mixture compression.

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