

Title (en)  
INJECTION VALVE.

Title (de)  
EINSPRITZVENTIL.

Title (fr)  
SOUPAPE D'INJECTION.

Publication  
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Application  
**EP 88905670 A 19880630**

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Abstract (en)  
[origin: WO8900244A1] The purpose of the invention is to design an injection valve so that the quantity of fuel injected evaporates completely and as quickly as possible. The nozzle orifice (53) is accordingly located at the end of a cylindrical line (52) and is formed by a central orifice (530) and peripheral orifices (530) grouped around the former. This results, upon injection, in a fuel jet with a multifaceted and consequently very large surface, which promotes evaporation of the injected fuel.

Abstract (fr)  
L'objet de l'invention est d'obtenir une soupape d'injection qui permette à la quantité de carburant injecté de se volatiliser aussi rapidement et complètement que possible. A cet effet, l'ouverture (53) de l'injecteur se situe à l'extrémité d'un conduit cylindrique (52) et est formée d'un orifice central (530) entouré d'orifices périphériques regroupés (531). On obtient ainsi lors de l'injection un jet de carburant finement réparti et ayant donc une grande surface, ce qui facilite la volatilisation du carburant injecté.

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