

Title (en)  
Fuel injection nozzle.

Title (de)  
Brennstoffeinspritzdüse.

Title (fr)  
Injecteur de combustible.

Publication  
**EP 0283154 A1 19880921 (EN)**

Application  
**EP 88301692 A 19880226**

Priority  
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Abstract (en)  
A fuel injection nozzle for supplying fuel to an internal combustion engine includes a valve member (17) which co-operates with a seating surface (14) in a nozzle body to prevent fuel flow through an outlet orifice (13) extending from a "sac" volume (16) downstream of the seating surface. The valve body and the valve member downstream of the seating surface define spaced parallel truncated conical surfaces which have a cone angle less than that of the seating surface. The surface defines a flow restriction gap the degree of restriction offered by the gap decreasing at a lower rate as the valve member is lifted from the seating surface, than the degree of restriction between the valve member (17) and the seating surface (14).

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**F02M 61/06**; **F02M 61/18**

IPC 8 full level  
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CPC (source: EP)  
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