

Title (en)  
FUEL INJECTION APPARATUS

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Application  
**EP 90108342 A 19900503**

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Abstract (en)  
[origin: EP0396127A1] The invention relates to a fuel injection device for diesel internal combustion engines with at least one pump plunger (1) which is carried and forms a seal in a plunger lining (2) and together with this defines a high-pressure chamber (5), the pump plunger (1) having an intake valve (6). <??>The object of the invention is to create a fuel injection pump with intake valve which is characterised by a small dead space in the high- pressure area and the little effort needed to install it. <??>The object is met according to the invention in that a cone-shaped compression spring (7) is arranged in the high-pressure area (5), which spring controls the intake valve (6), or in that a stroke- limiting stop is provided for the intake valve. <IMAGE>

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**F02M 59/46**

IPC 8 full level  
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CPC (source: EP US)  
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