

Title (en)  
FUEL INJECTION NOZZLE FOR INTERNAL COMBUSTION ENGINES

Publication  
**EP 0418271 B1 19920826 (DE)**

Application  
**EP 89906031 A 19890603**

Priority  
• DE 3819218 A 19880606  
• DE 3908796 A 19890317

Abstract (en)  
[origin: WO8912162A1] To obtain a torsion-proof device of simple construction for the nozzle holder (26, 26a), including those of slim design, when clamped in the cylinder head of the engine, one component (50, 70) sits on a support (52, 72) formed by a recess (54, 74) on the periphery of the nozzle holder (26, 26a) to which it is secured preferably by resistance welding. To form a clamping shoulder for the engagement of a hollow screw (14) for tightening the injection nozzle, a slit pressure ring (42) sits on the union nut (24) and is provided in the region of the slit with recesses (62) for the component (50, 70). The preferred field of embodiment is injection nozzles for diesel engines.

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**F02M 61/14**

IPC 8 full level  
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CPC (source: EP)  
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