

Title (en)  
FUEL INJECTOR FOR INTERNAL COMBUSTION ENGINES

Publication  
**EP 0427947 B1 19930303 (DE)**

Application  
**EP 90118924 A 19901004**

Priority  
DE 3937750 A 19891114

Abstract (en)  
[origin: EP0427947A1] In the case of known fuel injection nozzles of the generic type the continuing lines are designed as single cables which are separately fixed between the two moulded insulation parts by a mushroom-shaped plastic part, relieving the tension, which after fastening of the outer moulded insulating part must be pressed through it. Easier handling during soldering and assembly and defect-free insulation is obtained by the use of a sheathed cable (40), the individual conductors (38) of which are connected by way of so-called soldering sleeves (42) to the contact lugs (30) of the induction coil (24) and which is deformed as a whole between projections (68, 78) of the moulded insulating parts (48, 50), relieving the tension. The preferred sphere of application is injection nozzles for diesel engines. <IMAGE>

IPC 1-7  
**F02M 61/14**; **F02M 65/00**

IPC 8 full level  
**F02M 61/14** (2006.01); **F02M 65/00** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)  
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Cited by  
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**EP 0427947 A1 19910522**; **EP 0427947 B1 19930303**; DE 3937750 A1 19910516; DE 59000972 D1 19930408; JP 2921596 B2 19990719; JP H03168357 A 19910722

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