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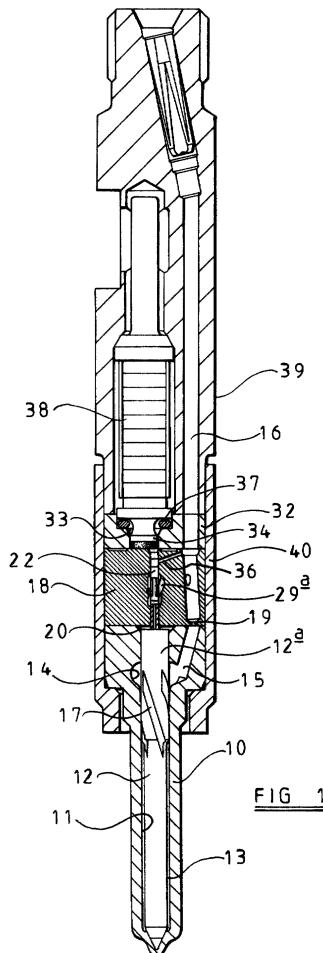
(71) Applicant: Delphi Technologies, Inc.  
Troy, MI 48007 (US)

(72) Inventor: Cooke, Michael Peter  
Gillingham, Kent ME7 1DR (GB)

(74) Representative: Pople, Joanne Selina  
Marks & Clerk,  
Alpha Tower,  
Suffolk Street,  
Queensway  
Birmingham B1 1TT (GB)

### (54) Fuel injector

(57) A fuel injector comprising a valve needle (12) slidable within a bore (11), a surface associated with the valve needle (12) being exposed to the fuel pressure within a control chamber (20), and a valve arrangement (23, 26) controlling the fuel pressure within the control chamber (20), the valve arrangement comprising an inlet fluid pressure actuatable valve (23) controlling communication between a supply passage (16) and the control chamber (20), and an outlet fluid pressure actuatable valve (26) controlling communication between the control chamber (20) and a drain chamber (29), the inlet and outlet fluid pressure actuatable valves (23, 26) being operable under the influence of fluid pressure within a common pressure chamber (35).





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## EUROPEAN SEARCH REPORT

Application Number

EP 00 30 5223

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			F02M
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search		Examiner
MUNICH	22 October 2002		Wagner, A
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 30 5223

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