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(54) **Fuel injector**

(57) A fuel injector comprising a nozzle body (10) provided with a first bore (11) and defining a first seating (12), a valve member (13) engageable with the first seating (12) to control fuel flow from the first bore (11) towards an outlet opening (14) located downstream of the first seating (12), the valve member (13) being provided with a second bore (15) defining a second seating (17). A valve needle (16) is slidable within the second bore (15) and is engageable with the second seating (17) to control fuel flow from the second bore (15) towards a second outlet opening (18,28) provided in the valve member (13). The fuel injector also includes a transmission arrangement whereby movement of the valve needle (16) beyond a predetermined position is transmitted to the valve member (13).

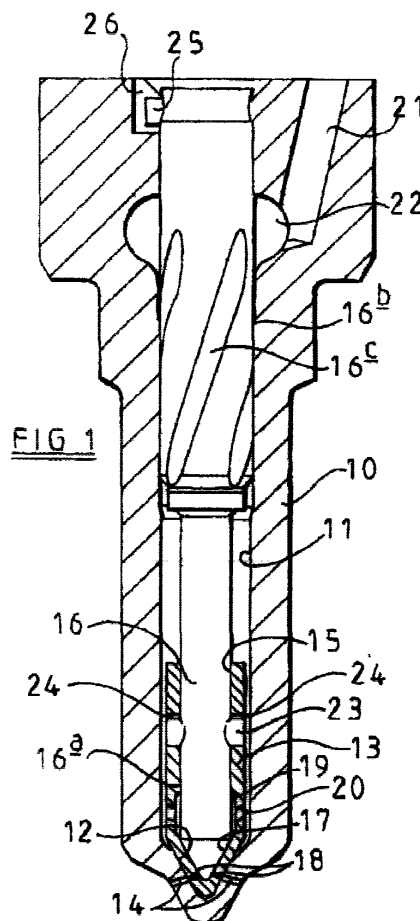


FIG 1

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EUROPEAN SEARCH REPORT

Application Number
EP 00 30 1797

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	DD 102 198 A (SIEGFRIED, DIPL. ING. GEORG) 5 December 1973 (1973-12-05) * page 5, paragraph 2 - page 6, paragraph 1 * * figures *	1,5,17	F02M45/08 F02M47/02 F02M61/04 F02M61/10
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 8 January 2002	Examiner Ingegneri, M
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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