(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) EP 1 063 418 A3

(12) EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
11.12.2002 Bulletin 2002/50

(43) Date of publication A2:
27.12.2000 Bulletin 2000/52

(21) Application number: **00305223.0**

(22) Date of filing: **20.06.2000**

(51) Int Cl.[7]: **F02M 47/02**, F02M 59/46

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
Designated Extension States:
AL LT LV MK RO SI

(30) Priority: **25.06.1999 GB 9914792**

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(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 actuable valve (23) controlling communication between a supply passage (16) and the control chamber (20), and an outlet fluid pressure actuable valve (26) controlling communication between the control chamber (20) and a drain chamber (29), the inlet and outlet fluid pressure actuable valves (23, 26) being operable under the influence of fluid pressure within a common pressure chamber (35).

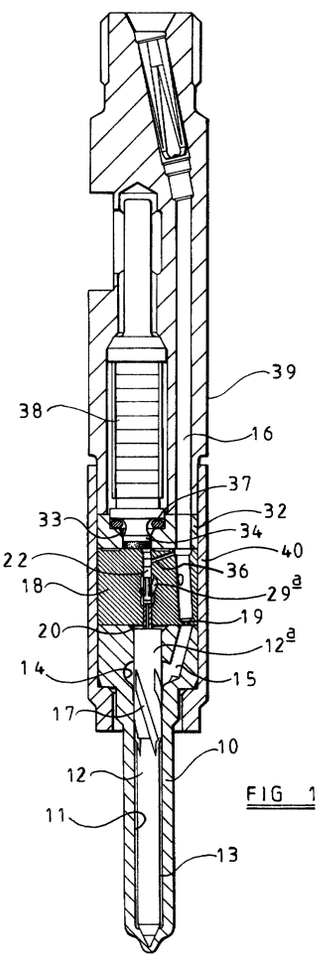


FIG 1

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EUROPEAN SEARCH REPORT

Application Number
EP 00 30 5223

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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TECHNICAL FIELDS SEARCHED (Int.Cl.7)

F02M

The present search report has been drawn up for all claims

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
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EPO FORM 1503 03.82 (P04C01)

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 00 30 5223

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