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EUROPEAN PATENT APPLICATION

②① Application number: **81400990.8**

⑤① Int. Cl.³: **F 02 M 51/08**

②② Date of filing: **19.06.81**

③① Priority: **23.06.80 US 162229**
23.06.80 US 162230
23.06.80 US 162231
23.06.80 US 162232
23.06.80 US 162348
23.06.80 US 162349

④③ Date of publication of application: **30.12.81**
Bulletin 81/52

⑧④ Designated Contracting States: **DE FR GB IT**

⑧⑧ Date of deferred publication of search
 report: **13.01.82 Bulletin 82/2**

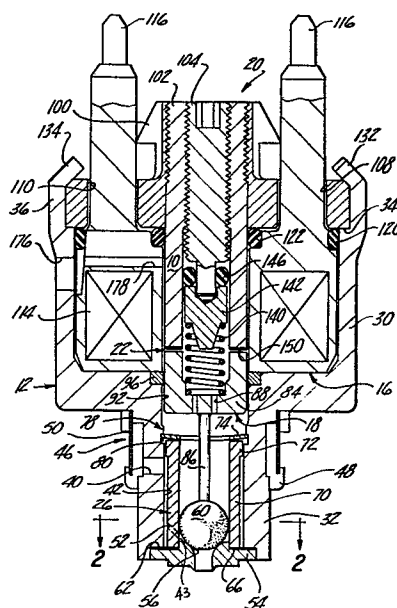
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⑤④ **Electromagnetic fuel injector.**

⑤⑦ Fuel injector with electromagnetically actuated ball valve (60) comprising an annular cavity (42) supplied with fuel via an orifice (40) from a fuel source under pressure and communicating through a tangential orifice (52) with a swirl chamber (43) formed proximate to the interface of the ball valve (60) and a valve seat (56).



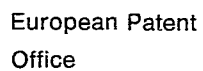


European Patent
Office

EUROPEAN SEARCH REPORT

0042799
Application Number
EP 81 40 0990

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
Category	Citation of document with indication where appropriate, of relevant passages	Relevant to claim	
X	<u>US - A - 3 731 880 (WILLIAMS)</u> * Column 2, line 16 to column 3, line 15; figures * -- <u>FR - A - 2 393 164 (BOSCH)</u> * Page 2, line 20 to page 4, line 30; figures 1-3 * & US - A - 4 179 069 -- <u>FR - A - 1 541 458 (BOSCH)</u> * Page 2, paragraph 11 to page 3, paragraph 6; figures 1-3 * --	1,2,6,7 1,2,3,4,5,7,12 1,3,4,5,7	F 02 M 51/08 TECHNICAL FIELDS SEARCHED (Int. Cl. 3) F 02 M
D	<u>US - A - 3 241 768 (CROFT)</u> * Column 1, line 60 to column 3, line 60; figures 1,2 * --	1-5,7-10,12	CATEGORY OF CITED DOCUMENTS X: particularly relevant A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: conflicting application D: document cited in the application L: citation for other reasons
D	<u>GB - A - 2 013 778 (BENDIX)</u> * Page 5, line 61 to page 7, line 77; figures 7,12,14 * --	1,5,7	
DP	<u>GB - A - 2 039 993 (BENDIX)</u> * Page 3, line 75 to page 6, line 119; figures 2-10 * --	1,2,7,15,16,18-20	&: member of the same patent family, corresponding document
D	<u>GB - A - 2 034 403 (BENDIX)</u> * Page 2, lines 95-114; page 3, lines 68-91; figure 2 * -- ./.	15,16,18-20	
X The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 25-09-1981	Examiner SCHMID



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EPO Form 1503.2 06.78