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(54) **Modular fluid dispensing nozzle.**

(57) An automatic shut off mechanism (38) comprises independently rotatable members (111,132) coupled together for common rotational movement in response to movement of an actuator (28,34), means (86, 168, 166) for uncoupling said rotatable members in response to a predetermined condition and means for rotating one of said rotatable members relative to the other when said members are uncoupled to move a valve (24) to the closed position irrespective of the position of the actuator. The releasing means (38) is at least partially contained within a cartridge (158) for common removal with the cartridge.

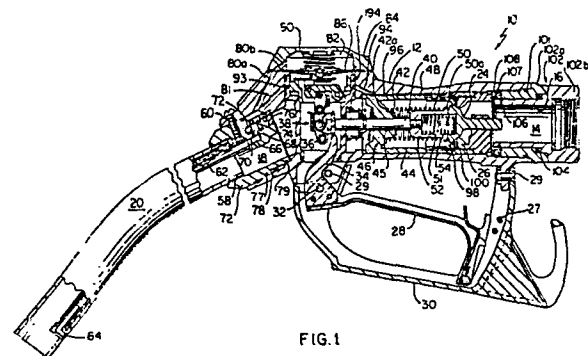


FIG. 1

1805200



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# EUROPEAN SEARCH REPORT

0055031

Application number

EP 81 30 5566

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. <sup>3</sup> )
A	<u>GB - A - 770 706</u> (BEUL)	1	B 67 D 5/372 5/373
A	<u>US - A - 2 528 697</u> (GILBERT)  -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl. <sup>3</sup> )
			B 67 D
The present search report has been drawn up for all claims—			
Place of search The Hague		Date of completion of the search 25-08-1982	Examiner VROMMAN
<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</p> <p>&amp; : member of the same patent family, corresponding document</p>			



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### CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claims:
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

### X LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions,

namely:

1. claims 1-4,5,9,10: Dispensing nozzle with automatic shut-off mechanism
2. claims 6-8: Releasing means contained within a cartridge

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☒ None of the further search fees has been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims: 1-4,5,9,10