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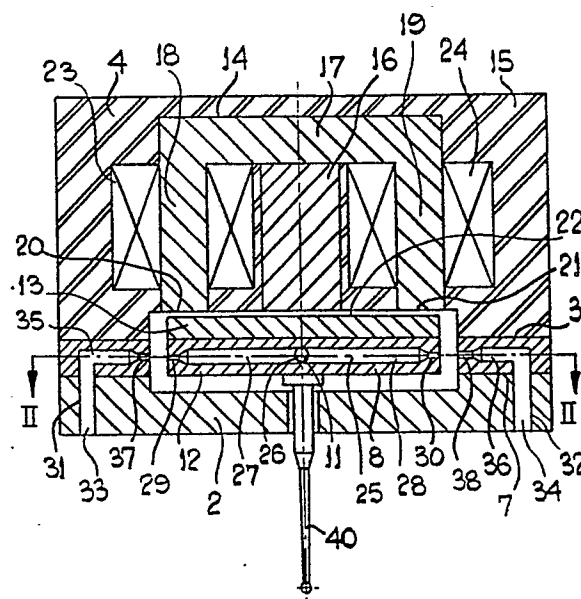
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54 **Fluid control devices.**

57 A fluid control device comprising a pivotable member (8) which has a planar major face (22) and is mounted so as to enable pivotal motion about an axis (11) parallel to the major face. The pivotable member including a fluid jet channel (29) which directs a fluid jet towards a fluid receiving channel (37) defined in a receiving member (7).

The pivotable member is pivotally rotated about the axis by means operable to pivot the pivotable member. This means may be an electromagnet (14) disposed with its poles (20,21) adjacent and parallel to the major face of the pivotable member.

The motion of the pivotable member alters the relative positions of the fluid jet channel/channels and the fluid receiving channel/channels and thereby the quantity of fluid received by the fluid receiving channel/channels.



**Fig. 1**



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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.4)
A	US-A-2 849 013 (CALLENDER) * figures 1,4 * ---	1,3,5,6 ,10	F 16 K 31/10 F 16 K 31/42 F 15 C 3/00
A	US-A-3 137 309 (BLASE et al.) * figure 1A * ---	1-3,10	
A	DE-A-2 264 833 (RENAULT) * figures 4,8,9 * ---	1-3,10	
A	US-A-3 678 951 (COAKLEY) * figure 1 * ---	1,3,10	
A	DE-C-2 032 361 (MOOG) * figures 1,8 * ---	1,10	
A	US-A-3 457 955 (KLEINER et al.) * figure 1 * ---	4	
A	US-A-3 272 077 (MEULENDYK et al.) * figure 1 * ---	5	
A	US-A-3 489 179 (MCNEIL et al.) * figure 6 * -----	9,10	TECHNICAL FIELDS SEARCHED (Int. Cl.4)  F 16 K 31/00 F 15 C 3/12
The present search report has been drawn up for all claims			
Place of search. BERLIN		Date of completion of the search 10-11-1988	Examiner SCHLABBACH, M
<b>CATEGORY OF CITED DOCUMENTS</b> 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			