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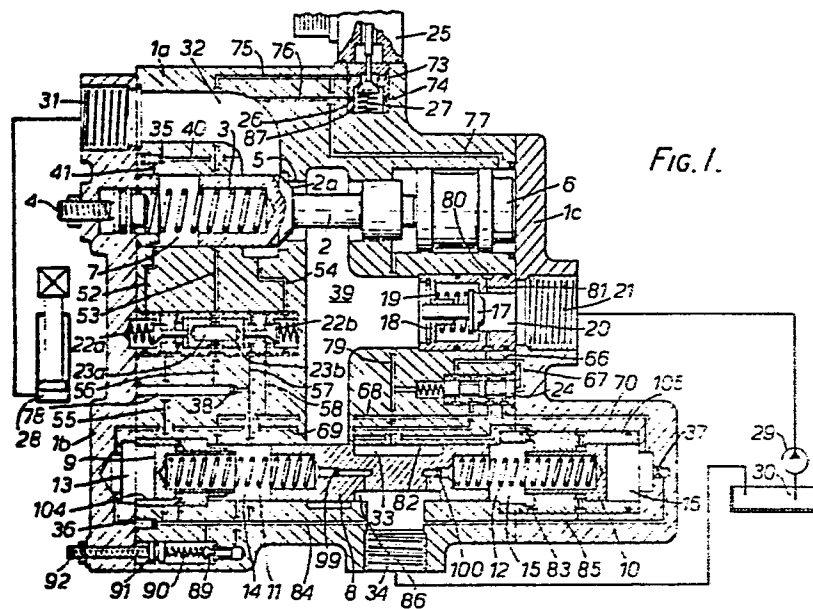
A hydraulic control system.

(57)

A hydraulic control system for regulation of fluid flow rate, in which the fluid flow rate to and from a load actuator (28) is modulated by electric current in a single electro-magnetic device (25) such that the flow rate is independent of load magnitude when the system is used without load velocity feedback and such that the flow rate is independent of both load magnitude and fluid viscosity when the system is used with load velocity feedback.

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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. 3)
X	CH-A- 444 601 (BERINGER-HYDRAULIK R. BERINGER) * Claims 1, 4; figure 1; figure 3, references 1, 5, 73 *	1-3	F 15 B 13/043 F 15 B 11/04 F 15 B 21/08 F 15 B 9/09
X	DE-A-3 009 960 (TRW) * Figure 6, references 206, 220, 227 *	1	
A	DE-A-2 658 928 (BERINGER-HYDRAULIK) * Figure 1, references 1, 2, 5, 9 *	1, 19	
A	DE-A-3 042 015 (R. KUCHARZYK)		
A	US-A-3 410 308 (W.C. MOOG et al.)		
			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			F 15 B 11/00 F 15 B 13/00 F 15 B 21/00 F 15 B 9/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 10-04-1984	Examiner LEMBLE Y.A.F.M.
CATEGORY OF CITED DOCUMENTS			
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	