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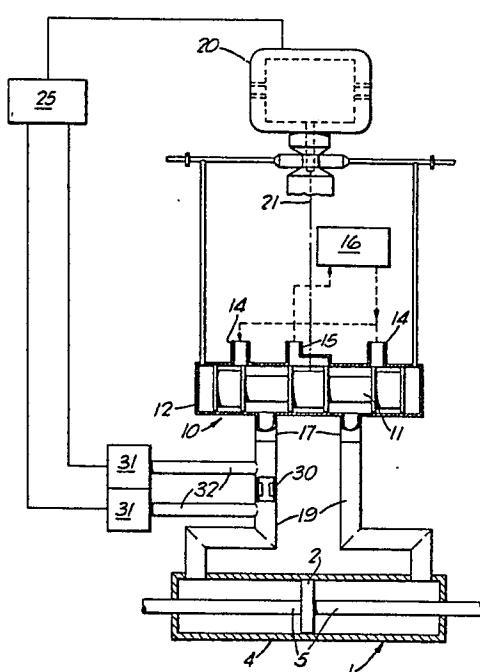
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(54) **Hydraulic actuator controlled by servovalve.**

(57) In an hydraulic system in which an hydraulic actuator (1) is controlled by a servovalve (10;50), a feed back signal derived from fluid flow associated with actuator movement is used to operate the servovalve, to ensure accurate control of the hydraulic actuator. The feedback signal can be an hydraulic signal derived from the pressure differential developed across a restriction (30) in the fluid flow, which can be applied to the servovalve directly, or an electrical signal for application to an electrical input to the servovalve, after modification if required, obtained from the pressure differential.

Fig.1.





DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	US-A-3 126 031 (P. F. HAYNER) * the whole document *	1-7	F 15 B 13/16
Y	---	8-10	F 15 B 11/02
Y	GB-A-2 105 881 (SPERRY CORP.) * the whole document *	8-10	
A	EP-A-0 021 742 (SPERRY CORP.) * abstract; figure 1 *	1-7	
A	GB-A-1 335 042 (SPERRY RAND LTD.) * figure 1 *	1-7	
A	DE-A-2 447 858 (SPERRY RAND LTD.) * figure 1 *	1-3, 8-10	

			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			F 15 B B 60 G
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
BERLIN	15-09-1989	GERTIG I.	
CATEGORY OF CITED DOCUMENTS		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	
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			