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**EUROPEAN PATENT APPLICATION**

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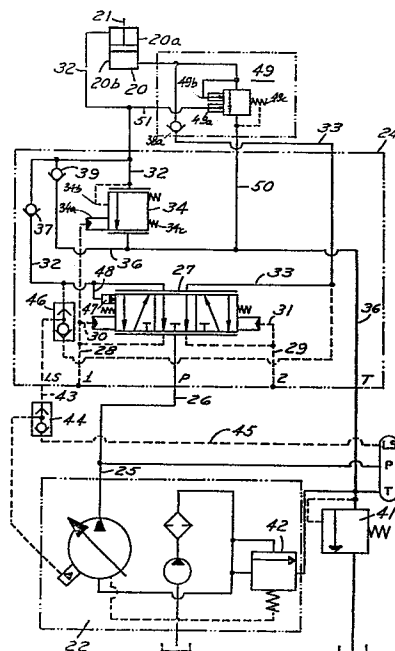
⑥④ Designated Contracting States: **BE DE FR GB IT SE**

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⑤④ **Power transmission.**

⑤⑦ A hydraulic control system comprising a hydraulic actuator (20, 56, 70) having opposed openings adapted to alternately function as inlets and outlets for moving the element of the actuator in opposite directions, a pump (22) for supplying fluid to said actuator (20, 56, 70), pilot operated meter-in-valve (27) to which the fluid from the pump is supplied for controlling the direction of movement of the actuator, and pilot operated meter-out valve (34) associated with at least one opening (20a, 56a, 70a) of the actuator for controlling the flow out of said actuator. The pressure of fluid being supplied to the actuator (20, 56, 70) by the meter-in-valve means (27) is sensed (48) and caused to produce a force (at 47) opposing the movement of the meter-in-valve means (27) by the pilot pressure (at 31) and also applied (via 51, 58) to a device (49, 55, 57) for controlling an overhauling load resulting in a smooth and accurate control of the movement of the actuator (20, 56, 70).





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> )
D,E	EP-A-0 080 135 (SPERRY CORP.) * Page 6, line 1 - page 7, line 8; page 7, lines 17-33; page 10, lines 1-33; claims 1-6; figures 2-4 *	1-5	F 15 B 13/02
D,P Y	--- EP-A-0 066 717 (SPERRY CORP.) * Page 4, line 1 - page 8, line 27; figures 1-3 *	1	
Y	--- ENERGIE FLUIDE, no. 91, December 1976, pages 33-34, Paris, FR "Ce que nous avons vu à Zurich... - Soupape de retenue de charge" * Page 33, column 3, line 22 - page 34, column 1, line 13; page 34, figures *	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl. <sup>3</sup> )
			F 15 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 21-05-1984	Examiner FRANKS N.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	