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B 66 D 1/50

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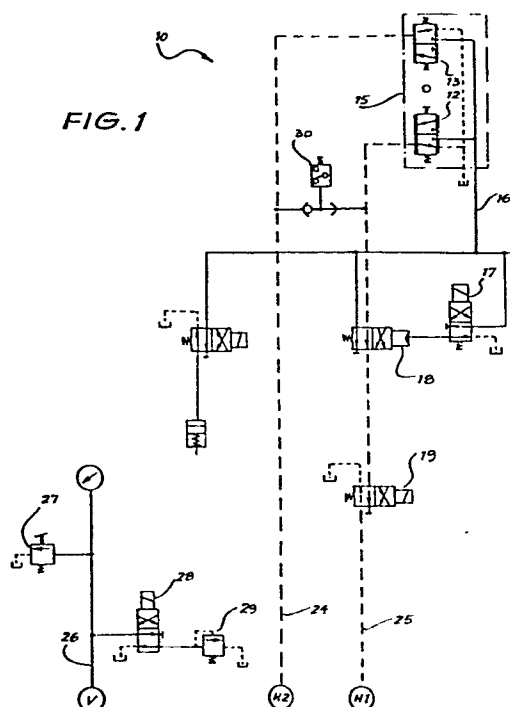
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⑤④ Crane hydraulic control system.

57) A crane hoist drive assembly having a hydraulic motor driven by a variable displacement hydraulic pump and a control circuit (10) for the pump adapted to govern the pump displacement so that the lift generated by said motor is independent of line travel and is adjustably predetermined.





DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
	US - A - 3 618 897 (SWOBODA et al.) * claim 1; fig. * --- FR - A - 1 531 600 (RICHER) * fig. 1 * --- DE - B2 - 2 146 586 (REXROTH) * claim 1; fig. * & US - A - 3 817 033 --- Patents Abstracts of Japan" Vol. 4, No. 3, 11 January 1980 page 49M87 & JP - A - 54 - 138265 ---	1-3,6, 7 1-3,6 1-7 1,2	B 66 C 13/02 B 66 D 1/50
			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			B 66 C 13/00 B 66 D 1/00
A	US - A - 3 381 939 (BROWN et al.) * fig. 1 * ---	1,2	
A	FR - A1 - 2 314 886 (STE NOUVELLE DES ATELIERS ET CHANTIERS DU HAVRE) * fig. 2 * ---	1,2	
A	FR - A1 - 2 246 484 (BROWN BROTHERS & CO. LTD.) * claim 1; fig. * ---	1,2	
A	FR - A - 2 044 384 (VEB SCHWERMASCHINEN- BAU NOBAS NORDHAUSEN) * fig. * ---	1,2	
			CATEGORY OF CITED DOCUMENTS
			X: particularly relevant A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: conflicting application D: document cited in the application L: citation for other reasons
			&: member of the same patent family. corresponding document
X The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
Berlin		25-09-1981	KANAL



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	<u>DE - C - 1 096 577</u> (ZEK HYDRAULIK) * claim 1 *	1-3,6	
A	<u>DE - A - 2 112 566</u> (NEUENFELDER MASCHINENFABRIK) * fig. *	1,2, 4-6	
			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)