



(12)

EUROPEAN PATENT APPLICATION

(21) Application number : **91830009.6**

(51) Int. Cl.⁵ : **B66F 9/24**

(22) Date of filing : **18.01.91**

(30) Priority : **24.01.90 IT 400120**

(43) Date of publication of application :
31.07.91 Bulletin 91/31

(84) Designated Contracting States :
DE FR GB NL SE

(88) Date of deferred publication of search report :
28.10.92 Bulletin 92/44

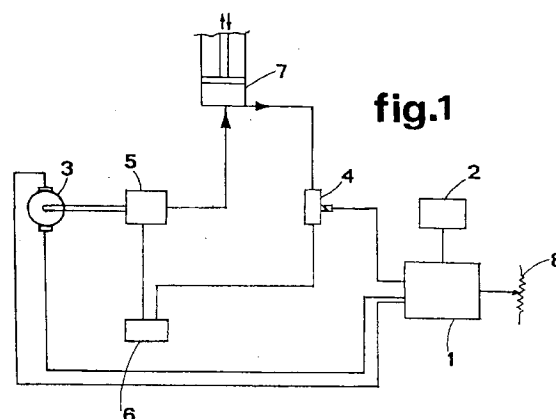
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(54) **A variable speed control device for fork lift equipment.**

(57) In an electronic speed control device for fork lift equipment, which can be operated by a single knob or handle and features hardware comprising a single microprocessor controlled chopper circuit (1), both the elevation and the descent movement of the lift are piloted digitally using software written and stored in EPROM (14) so as to enable its subsequent modification if need be ; the circuit thus controls not only the usual d.c. motor (3) coupled to the pump (5) which extends the hydraulic lift cylinder, but also the proportional valve (4) conventionally used to regulate descent.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 91 83 0009

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.5)
A	FR-A-2 603 271 (JUNGHEINRICH UNTERNEHMENSVERWALTUNG KG) * Page 13, lines 14-24; page 14, line 27 - page 15, line 12; figures 1,3 * ---	1	B 66 F 9/24
A	WO-A-8 806 566 (CATERPILLAR INDUSTRIAL INC.) * Figure 4; page 22, lines 4-27; page 23, lines 10-19 * ---	1,2	
A	US-A-4 586 331 (OHMAN) * Figures 2,3; column 2, lines 27-34; column 2, line 61 - column 3, line 2; column 4, lines 50-60; column 5, lines 8-15; column 6, lines 26-32 * ---	1,3,4	
A	US-A-4 097 791 (BIVENS et al.) * Figure; column 2, lines 12-20,26-32 * ---	1	
A	FR-A-2 499 961 (KOMATSU FORKLIFT K.K.) * Page 9, lines 1-14; figure 12 * ---	1	
A	GB-A-2 095 861 (K.K. TOYODA JIDOH SHOKKI SEISAKUSHO) -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B 66 F B 60 K G 05 B F 15 B
Place of search THE HAGUE		Date of completion of the search 06-08-1992	Examiner GUTHMULLER J. A. H.
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	

EPO FORM 1503 03.82 (P0401)