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(71) Applicant: **CCL SYSTEMS LIMITED**
Cabco House Ewell Road
Surbiton Surrey KT6 7AH(GB)

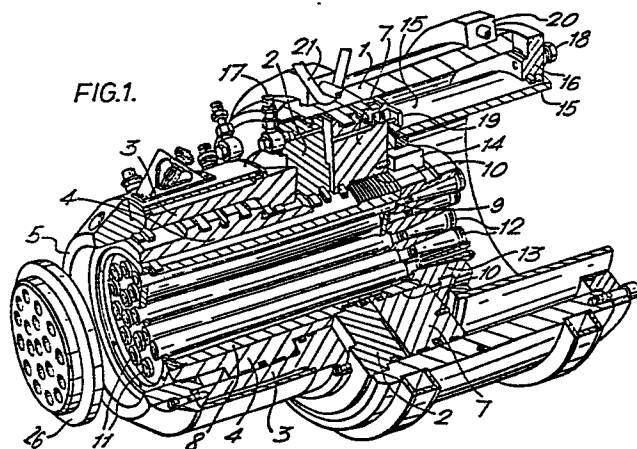
(72) Inventor: **Smith, Michael Arthur**
18 Highfields
Netherton Wakefield West Yorkshire(GB)

(74) Representative: **Shaw, Laurence**
George House George Road
Edgbaston Birmingham B15 1PG(GB)

(54) **Jack for prestressed concrete structure.**

(57) A stressing jack is of light weight because limiting means (19) are provided to reduce the axial tension generated in the rearward end of the jack casing (1) at or towards the limit of the rearward movement of the jack pulling cylinder (8).

Preferably the limiting means is a safety pressure limiting shuttle valve (19) having a plunger (22). Because of the limiting means the outer cylinder wall can be of low thickness which saves weight and creates stability.





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Office

EUROPEAN SEARCH REPORT

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EP 83 30 4537

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)
Y	US-A-4 106 752 (CARO ROGUETA) * Column 2, lines 50-68; column 4, line 19 - column 5, line 39; figure 1 *	1-6	E 04 G 21/12
Y	DE-B-1 243 980 (FRIESECKE & HOEPFNER GmbH) * Column 1, lines 16-45; column 3, lines 11-16, 40-59; column 4, lines 1-17; figure 1 *	1-6	
A	US-A-3 338 552 (PERSICKE) * Column 3, lines 1-16, 50-60; column 4, lines 6-36; column 6, lines 18-40; figures 2, 10 *	1	
A	DE-U-7 012 963 (SAVER & SOHN MASCHINENFABRIK GmbH) * Page 3; figure 1 *	1	TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
A	DE-A-2 308 216 (PAUL & SÖHNE MASCHINENFABRIK) * Page 4, line 29 - page 5, line 7; figure 1 *	7	E 04 G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 09-07-1985	Examiner BELTZUNG F.C.
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	