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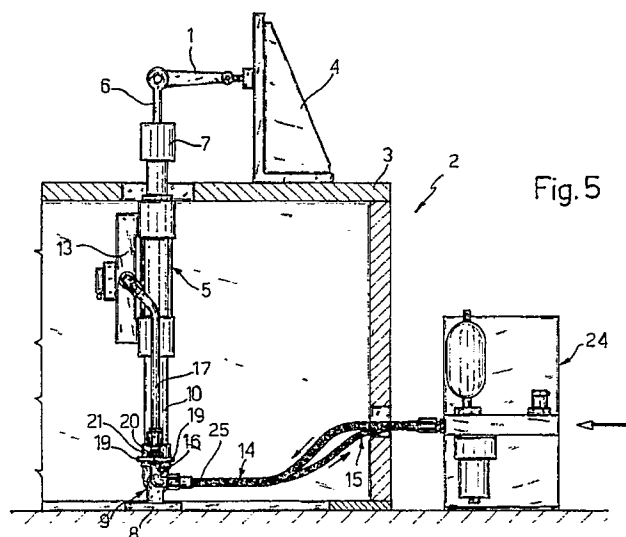
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(54) **Electrohydraulic actuator for generating test loads.**

(57) An actuator substantially comprising a hydraulic cylinder (5), the piston rod (6) of which is connected to a mechanical test part; a connecting plate (8) secured to a test apparatus and connected, by means of a hinge (9), to the casing of the hydraulic cylinder; and a solenoid valve (13) for supplying hydraulic fluid to the cylinder and connected to a supply pipe (14) and a drain pipe (15); the actuator

also comprising two fittings (16) connected respectively to the supply and drain pipes; the axis (a) of each fitting being located close to the hinge, and each fitting being connected mechanically, by means of a rigid restraint, to the casing of the hydraulic cylinder, and being connected hydraulically to the solenoid valve by means of a respective pipe section (17).



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EUROPEAN SEARCH REPORT

Application Number

EP 90 11 2608

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	US-A-2 710 598 (E. BAAS) * the whole document * - - -	1,2,5-7	F 15 B 15/04 G 01 N 3/36 F 15 B 15/14														
A	US-A-3 152 522 (R.W. BURDEN ET AL) * column 4, line 69 - column 5, line 31 ** figure 2 * - - -	1,3-6															
A	US-A-3 421 365 (W.B. DEAN ET AL) * column 2, line 14 - column 3, line 8 ** figure 2 * - - -	1															
A	GB-A-9 500 16 (MASCHINENFABRIK AUGSBURG-NÜRNBERG) * claim 1; figures 1-4 * - - - - -	1															
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5) G 01 N F 15 B														
Place of search Berlin		Date of completion of search 25 June 91	Examiner JOHNSON K M														
<table border="0"><tr><td>CATEGORY OF CITED DOCUMENTS</td><td>E: earlier patent document, but published on, or after the filing date</td></tr><tr><td>X: particularly relevant if taken alone</td><td>D: document cited in the application</td></tr><tr><td>Y: particularly relevant if combined with another document of the same category</td><td>L: document cited for other reasons</td></tr><tr><td>A: technological background</td><td>.....</td></tr><tr><td>O: non-written disclosure</td><td>&: member of the same patent family, corresponding document</td></tr><tr><td>P: intermediate document</td><td></td></tr><tr><td>T: theory or principle underlying the invention</td><td></td></tr></table>				CATEGORY OF CITED DOCUMENTS	E: earlier patent document, but published on, or after the filing date	X: particularly relevant if taken alone	D: document cited in the application	Y: particularly relevant if combined with another document of the same category	L: document cited for other reasons	A: technological background		O: non-written disclosure	&: member of the same patent family, corresponding document	P: intermediate document		T: theory or principle underlying the invention	
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