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(54) Swinging supporting frame for a chair seat and back

(57) A swinging supporting frame for a chair seat and back, comprising:

- a substantially horizontal arm (1) for fastening a chair seat;
- a telescopic rod (2) supporting the chair back and being hinged to said arm (1);
- one or more springs (40) acting on said vertical rod to push the chair back forward;
- a spacer (44) inserted between the walls (5) of said horizontal arm; and
- screw means (16) for pressing the walls of said telescopic rod (2) against the walls (5) of said arm (1) and against said spacer (44) to lock the chair back in position, wherein said springs (40) are helical springs inserted onto the hinge pin (6) which is fitted on said arm (1) and said telescopic rod (2), one of the ends of said springs acting directly against the wall of said arm (1) and the other spring end acting against said rod, in particular against said spacer (44) inserted on said clamping screw means.

A plurality of friction plates (10) are arranged between said spacer (44) and the walls of said arm (1), and in order to position and set up said plates (10), said frame includes a pair of teeth (8, 9) obtained in the walls (5) of said arm by blanking and drawing.

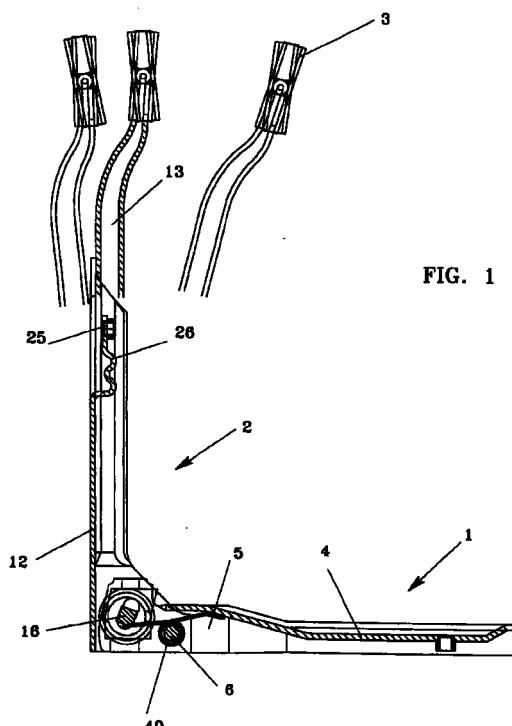


FIG. 1



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EUROPEAN SEARCH REPORT

Application Number
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A	US 4 062 587 A (WOLTERS RICHARD H) 13 December 1977 (1977-12-13) * column 1, line 53-68; figures * ---	1-10	A47C7/44
A	US 5 066 069 A (DEGELDER JACOB) 19 November 1991 (1991-11-19) * abstract; figures * ---	1-10	
A	WO 94 09682 A (DOERNER PROD LTD) 11 May 1994 (1994-05-11) * claim 1; figures 1-3,12 * ---	1-10	
A	US 5 560 682 A (BROWN JUSTIN P) 1 October 1996 (1996-10-01) * claims 1,3-9; figures * -----	1-10	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			A47C
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	9 March 2000	Amghar, N	
CATEGORY OF CITED DOCUMENTS			
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