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(54) **A shelf support and a device for moving said support**

(57) This invention relates to a shelf support and a device for moving said support (2) along a path wherein said device comprises an arm (1) that is pivotally and fixedly connected to a base (9), about an axis of rotation (6) at one end of the arm (1) and said shelf support (2) is pivotally suspended by a support shaft (5) which is pivotally connected to said arm (1), which shaft (5) is spaced apart from said axis of rotation (6), said device comprising:

- a load transmission device (13) at the axis of rotation (6), which load transmission device (13) is operatively fixedly, connected to the base (9),
- at least one rotating device (16) pivotally mounted in the arm (1) about said support shaft (5),
- an elongate rotation transmission device (14), which extends at least from the load transmission device (13) to the rotating device (16), and wherein said,
- rotating means (16) is operatively fixedly connected to said support (2), so that when the arm (1) is turned about the axis of rotation (6) the load transmission device (13) transmits the relative rotational movement between the arm (1) and the load transmission device (13) via the rotation transmission device (14) to the rotating device (16), so that the position of the support (2) is controlled dependent upon the position of the arm (1) wherein said elongate rotation transmission device (14) having one inner end (14A) and one outer end (14B) wherein said inner end (14A) is fixedly attached in relation

to said base (9) and said outer end (14B) is fixedly attached to said rotating device (16).

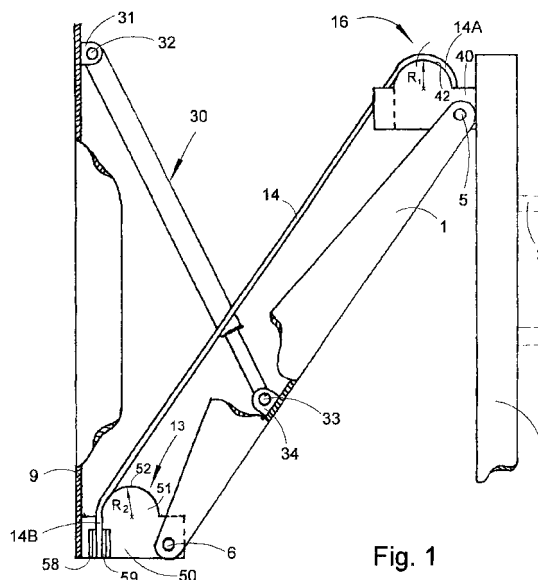


Fig. 1



European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 01 20 2272

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	JP 10 272018 A (MATSUSHITA ELECTRIC IND CO LTD) 13 October 1998 (1998-10-13) * paragraphs [0026]-[0031] * * figures *	1-8	A47B46/00 A47B51/00
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P,X	US 6 227 508 B1 (PANZARELLA THOMAS A ET AL) 8 May 2001 (2001-05-08) * column 5, line 6 - line 24 * * column 9, line 7 - line 34 * * figures 2-6 *	1-8	
A	US 5 169 375 A (WAECHTLER RUDOLF) 8 December 1992 (1992-12-08) * column 3, line 64 - column 4, line 39 * * figure 3 *	1-10	
A	EP 0 775 456 A (STEELCASE INC) 28 May 1997 (1997-05-28) * column 18, line 42 - column 19, line 35 * * column 20, line 20 - column 21, line 33 * * figures *	1-10	TECHNICAL FIELDS SEARCHED (Int.Cl.7) A47B F16M
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11 March 2004	Examiner van Hoogstraten, S
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	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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