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(54) **Device for interlocking complementary pairs of components of sets of shelves made of metal plate**

(57) A device for interlocking complementary pairs of components (11) of sets of shelves (12) made of metal plate, wherein each component is of the type having portions to be joined which lie on two mutually perpendicular planes, the device comprising a pair of straight elongated wing-shaped male elements (17), one on each of the perpendicular planes, which are arranged at an angle and converge with respect to the intersection line of the planes of arrangement and protruding from a respective first component (11a), and a pair of female elements (18) which are at least partially slotted, have a shape and arrangement which are complementary to said male elements (17), and are provided on a second component (11b). Coupling occurs by resting one component on the other by means of the portions to be coupled, aligning the pairs of male (17) and female (18) elements, and by then mutually sliding them to achieve interlocking.

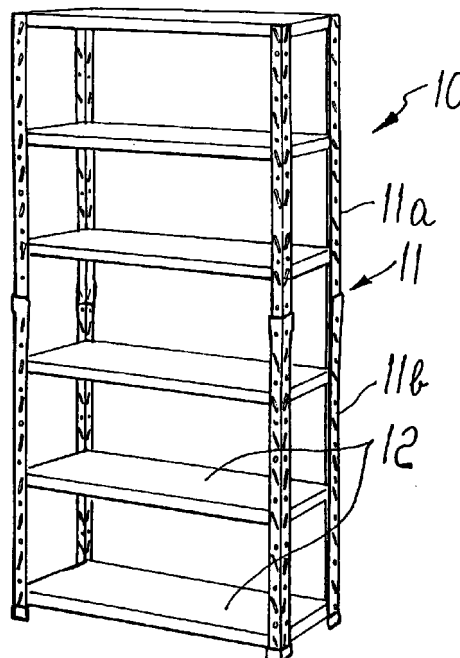


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 97 10 7701

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.6)
X	FR 1 573 218 A (GUNTER SCHANZ-PLASTIPOL GMBH & CO. KG.) 4 July 1969	1,2,4	A47B87/02 A47B47/02
Y	* page 2, line 40 - page 3, line 1; figures 1-3 *	5	

A	US 5 463 966 A (NILSSON) 7 November 1995	1-4	
Y	* abstract; figures 6-10,12 * * column 4, line 44 - column 5, line 16 * * column 5, last paragraph - column 6, paragraph 3 *	5	

A	US 3 039 622 A (HOBSON) 19 June 1962	1	
	* column 6, line 7 - line 18; figure 10 *		

A	EP 0 538 045 A (SAVAGE LTD) 21 April 1993	1	
	* abstract; figures 1,2 *		

			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			A47B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		1 December 1998	Jones, 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	

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