



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 0 715 823 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
19.05.1999 Bulletin 1999/20

(51) Int Cl.⁶: **A47B 91/00**, A47B 47/02,
A47F 5/10

(43) Date of publication A2:
12.06.1996 Bulletin 1996/24

(21) Application number: **95830502.1**

(22) Date of filing: **04.12.1995**

(84) Designated Contracting States:
DE ES FR GB IT

(72) Inventor: **Bettini, Gabriello**
I-50034 S. Piero a Sieve (FI) (IT)

(30) Priority: **05.12.1994 IT FI940126 U**

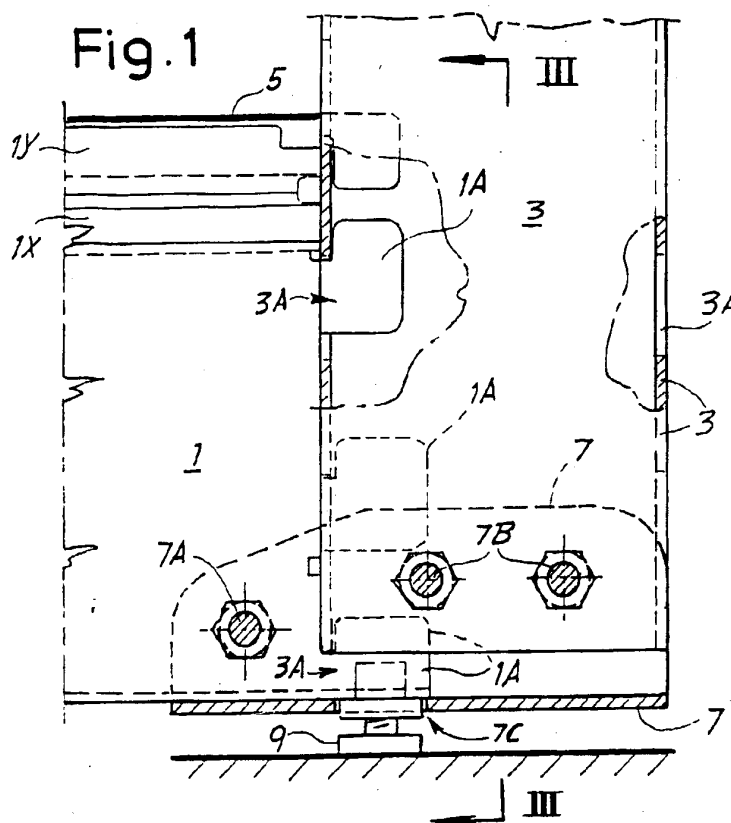
(74) Representative: **Mannucci, Gianfranco, Dott.-Ing.**
Ufficio Tecnico Ing. A. Mannucci
Via della Scala 4
50123 Firenze (IT)

(71) Applicant: **ROSSS MARKET S.n.c. di Bettini**
Rossano e Gabriello
I-50038 Scarperia, Firenze (IT)

(54) **Joining and reinforcing piece for joining together base and upright of metal shelving units**

(57) The piece is basically shaped like a length of metal U channel (7) into which one end of at least one

base component (1) and the bottom end of an upright (3) can be placed, and it is fixed to the base component and to the upright by means of bolts (7A, 7B) or the like.



EP 0 715 823 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 95 83 0502

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)
A	EP 0 497 741 A (BETTINI) 5 August 1992 * abstract; figures 1-4 * * column 1, last paragraph - column 2, line 40 * ---	1-4	A47B91/00 A47B47/02 A47F5/10
A	FR 2 155 616 A (SOCIETE ITALIANA ARREDAMENTI METALLICI S.P.A.) 18 May 1973 * page 3, line 1 - line 34; figures 4,5,8 * ---	1-4	
A	US 4 193 233 A (VANDENHOEK) 18 March 1980 * abstract; figure 1 * * column 3, last paragraph - column 4, paragraph 2 * ---	1	
A	US 3 601 346 A (FENWICK ET AL.) 24 August 1971 * abstract; figures 1,2 * ---	1,2	
A	US 3 866 364 A (POLLARD) 18 February 1975 * column 5, line 58 - line 64; figure 19 * ---	1	
A	GB 2 232 426 A (SQUARE D COMPANY) 12 December 1990 -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			A47B A47F F16B
Place of search	Date of completion of the search	Examiner	
THE HAGUE	25 March 1999	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			

EPO FORM 1503 03 82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 95 83 0502

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

25-03-1999

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 497741 A	05-08-1992	IT 224417 Z	30-04-1996
		AT 131015 T	15-12-1995
		DE 69206437 D	18-01-1996
		DE 69206437 T	02-05-1996
		DK 497741 T	08-01-1996
		ES 2081600 T	01-03-1996
		GR 3018324 T	31-03-1996
FR 2155616 A	18-05-1973	CH 547986 A	11-04-1974
		DE 2248513 A	14-06-1973
		GB 1395249 A	21-05-1975
		US 3851981 A	03-12-1974
US 4193233 A	18-03-1980	BE 875225 A	16-07-1979
		CA 1097015 A	10-03-1981
		DE 2911066 A	29-11-1979
		FR 2426826 A	21-12-1979
		GB 2023214 A,B	28-12-1979
US 3601346 A	24-08-1971	CA 932702 A	28-08-1973
		DE 2022100 A	19-11-1970
		FR 2047840 A	12-03-1971
		GB 1291348 A	04-10-1972
US 3866364 A	18-02-1975	NONE	
GB 2232426 A	12-12-1990	AU 633587 B	04-02-1993
		AU 5721590 A	07-01-1991
		CA 2033980 A	09-12-1990
		WO 9015464 A	13-12-1990
		MX 174192 B	27-04-1994
		SG 70994 G	25-11-1994