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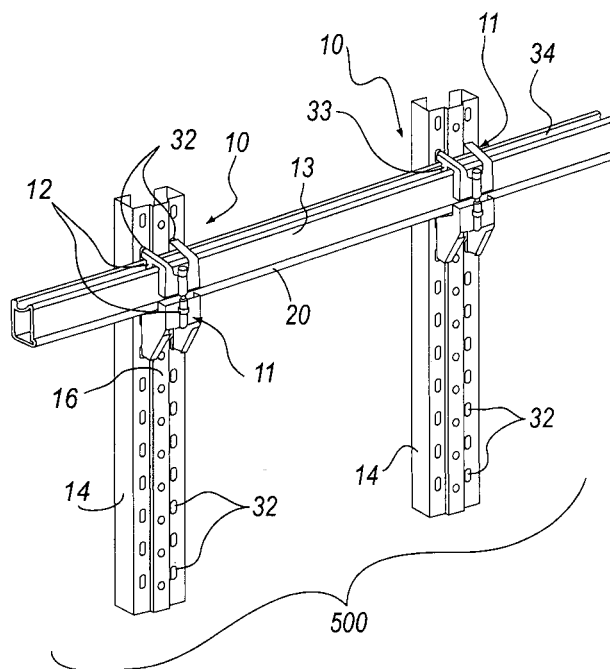
(30) Priority: **18.09.2003 IT PD20030215**

(71) Applicant: **LUX INVESTMENTS S.A.**  
**2013 Luxembourg (LU)**

### (54) Supporting device for longitudinal members of shelving systems, galleries and the like

(57) A supporting device for longitudinal members of shelving systems, galleries and the like, comprising a bracket unit (11, 111, 211) that is rigidly coupled, by way of engagement elements (15, 115, 215), to a face (16) of an upright (14, 114, 214) that is directed toward the outside of a shelf system, gallery or the like, the bracket

unit (11, 111, 211) being shaped so as to accommodate by resting contact, and lock by way of retention elements (12), a longitudinal member (13, 113, 213) that is supported by at least one additional bracket unit (11, 111, 211), which is rigidly coupled to a corresponding additional upright (13, 113, 213).



*Fig. 1*

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# EUROPEAN SEARCH REPORT

Application Number  
EP 04 01 6119

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 4 684 094 A (EVERETT ET AL) 4 August 1987 (1987-08-04) * column 1, last paragraph - column 2, paragraph 3; figures 1,2 *	1-7,18	INV. A47B57/42
X	US 4 967 878 A (ADAMS ET AL) 6 November 1990 (1990-11-06) * abstract; figures 2,3 * * column 2, paragraph 5-7 *	1-3,18	
X	GB 2 325 398 A (* BEKAERT HANDLING & DISPLAY LTD) 25 November 1998 (1998-11-25) * abstract; figures 1-4 * * page 3, last paragraph - page 4, last paragraph *	1,3-8,18	
X	US 5 575 444 A (OTEMA ET AL) 19 November 1996 (1996-11-19) * abstract; figure 6 * * column 4, paragraph 4 *	1,3,5-7	
A		8	
			TECHNICAL FIELDS SEARCHED (IPC)
			A47B F16B
<p><del>The present search report has been drawn up for all claims</del></p>			
Place of search		Date of completion of the search	Examiner
The Hague		17 March 2006	Jones, C
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p> <p>&amp; : member of the same patent family, corresponding document</p>			

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EPO FORM 1503 03.82 (P04C01)

**CLAIMS INCURRING FEES**

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

**LACK OF UNITY OF INVENTION**

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:
- 1-8, 18, 19



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-8,18,19

A supporting device comprising a bracket unit, for longitudinal members of shelving systems, with a lower bracket portion and an upper guiding and locking bracket portion being mutually connected by a screw and nut.

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2. claims: 1,9-17,18,19

The device according to claim 1 characterised in that said bracket unit comprises a semitubular vertical element with means for engaging an upright and at least a semitubular body cantilevering out from said vertical element. The engagement means are provided by a stud or by hooks.

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

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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  
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17-03-2006

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 4684094	A	04-08-1987	NONE		
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US 4967878	A	06-11-1990	NONE		
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