



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
28.02.2024 Bulletin 2024/09

(51) International Patent Classification (IPC):
A47B 97/00 (2006.01) **A47B 47/00** (2006.01)
A47B 96/02 (2006.01) **A47B 87/00** (2006.01)

(43) Date of publication A2:
06.12.2023 Bulletin 2023/49

(52) Cooperative Patent Classification (CPC):
A47B 97/001; A47B 47/0083; A47B 47/0091;
A47B 87/008; A47B 96/021; A47F 5/08;
A47B 2097/008

(21) Application number: **23176989.4**

(22) Date of filing: **02.06.2023**

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL
NO PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA
Designated Validation States:
KH MA MD TN

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(30) Priority: **03.06.2022 US 202263348676 P**

(54) **MODULAR SHELVING UNIT**

(57) A modular shelving unit and system are provided. A modular shelving unit includes a first shelf having a top surface, a plurality of sides surrounding the top surface, each side having a side surface perpendicular to the top surface. The modular shelving unit includes a

plurality of frame members coupled to the first shelf. The first shelf includes at least one first mount interface on one of the plurality of sides, wherein the first mount interface is recessed from the side surface.

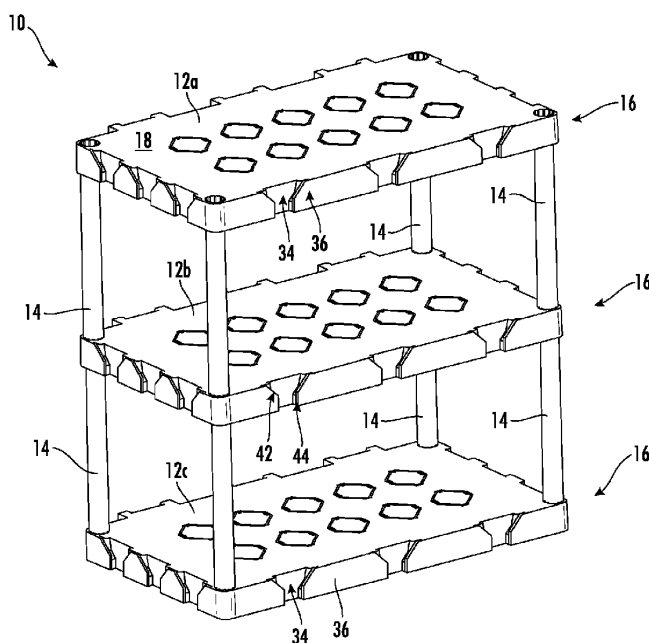


FIG. 1



EUROPEAN SEARCH REPORT

Application Number

EP 23 17 6989

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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 2002/000418 A1 (MILLER DONALD J [US]) 3 January 2002 (2002-01-03)	1-4, 11, 12, 15	INV. A47B97/00
Y	* paragraph [0004] - paragraph [0037]; figures 1-14 *	8-10	A47B47/00 A47B96/02 A47B87/00
X	US 2020/100588 A1 (REINHART NICKOLAS [US] ET AL) 2 April 2020 (2020-04-02)	1, 4-7, 11, 12, 15	
Y	* paragraph [0007] - paragraph [0061]; figures 1-12 *	8-10	
Y	US 2009/294392 A1 (STAFFORD WILLIAM Y [US] ET AL) 3 December 2009 (2009-12-03)	8-10	
	* paragraph [0018] - paragraph [0027]; figures 1-3 *		
X	US 6 945 414 B1 (STEVENS KENNETH V [US] ET AL) 20 September 2005 (2005-09-20)	13	
Y	* column 1 - column 5; figures 1-27 *	14	
Y	US 6 116 434 A (PARK HONG KU [US]) 12 September 2000 (2000-09-12)	14	
	* column 2, line 43 - column 5, line 19; figures 1-2 *		TECHNICAL FIELDS SEARCHED (IPC) A47B A47F
The present search report has been drawn up for all claims			

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EPO FORM 1503 03:82 (P04C01)

Place of search

The Hague

Date of completion of the search

22 January 2024

Examiner

Kohler, Pierre

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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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due 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 those claims for which no payment was due.

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:

☐ The present supplementary 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 (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION
SHEET B**

Application Number

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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: 1-12, 15

A modular shelving unit.

2. claims: 13, 14

A modular shelving system comprising a bracket and a storage rail comprising a plurality of cleats.

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

EP 23 17 6989

5 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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22-01-2024

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US 2020100588 A1	02-04-2020	NONE	
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