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PARTITION MODULE FOR A TRANSPORT CONTAINER AND TRANSPORT CONTAINER CONTAINING IT

(57)

The present application describes a partition module for a transport container. Said partition module is to be installed inside a container, attached to the container's inner side walls (2) and is arranged to create delimited compartments adaptable to the varied and differentiated goods (9) to be transported, either in terms of volume or shape. In one embodiment of the partition module, it comprises a partition wall (3.2) to be installed in the interior space of the container, thereby dividing the

container's interior into delimited compartments. In another embodiment, said module is further comprised by a connection plate (3.1) provided with slots that allow the configuration of different positions for the partition wall (3.2). The present application also relates to a transport container comprising said partition module. Such container therefore provides a modular, robust and durable approach, which improves the packaging of goods and optimizes the occupation of a container's interior space.

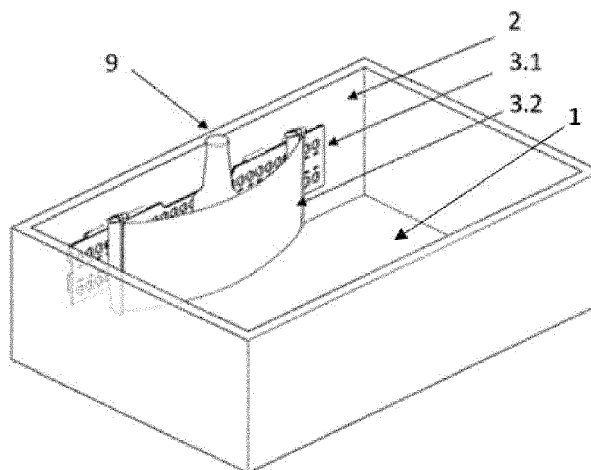


Figure 4



EUROPEAN SEARCH REPORT

Application Number

EP 24 17 0231

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EPO FORM 1503 03.82 (P04C01)

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	GB 222 340 A (FRANK WHEATLEY JNNIOR) 2 October 1924 (1924-10-02)	1,3,5,7,8	INV. B65D21/08
Y	* page 1, line 42 - page 2, line 34;	2,4	B65D25/06
A	figures 1-3 *	6	B65D25/10

X	WO 2019/067946 A1 (PACKIT LLC [US]) 4 April 2019 (2019-04-04)	1,2	
Y	* paragraphs [0047], [0061], [0062];	2,4	
	figures 22,23,26,28,29 *		

X	CN 2 620 671 Y (YIMA INDUSTRY CO LTD [CN]) 16 June 2004 (2004-06-16)	1,3,5,7,8	
A	* abstract; figures 4-7 *	6	

X	WO 2019/201584 A1 (FEURER FEBRA GMBH [DE]) 24 October 2019 (2019-10-24)	1,7,8	
	* abstract; figures 1a-2d *		

X	CN 112 124 773 A (CAO XUELIANG) 25 December 2020 (2020-12-25)	1,2	
	* abstract; figures 1-7 *		

X	US 3 554 429 A (COHEN JOEL B) 12 January 1971 (1971-01-12)	1,3,5,7,8	B65D
	* column 4, lines 6-38; figure 6 *		

-The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 31 July 2024	Examiner Leijten, René
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:

1 - 8

☐ 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: 1-8

A partition modules for dividing a transport container's interior space.

2. claims: 9-11

A modular container comprising a collar frame structure for enlarging the volume of the container and reinforcing means for the container.

3. claims: 12, 13

Reinforcing ribs provided on side walls.

4. claims: 14, 15

A collapsible frame structure being foldable into a compact configuration.

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

EP 24 17 0231

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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

31-07-2024

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