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(54) **LOWER FRAME ASSEMBLY FOR A COLLAPSIBLE CONTAINER AND CROSS BEAM MEMBER**

(57) The present invention discloses a novel apparatus for improving the structural integrity of a folding shipping container in order to improve safety and dura-

bility of the shipping container. A foldable shipping container is provided having an improved lower frame assembly.

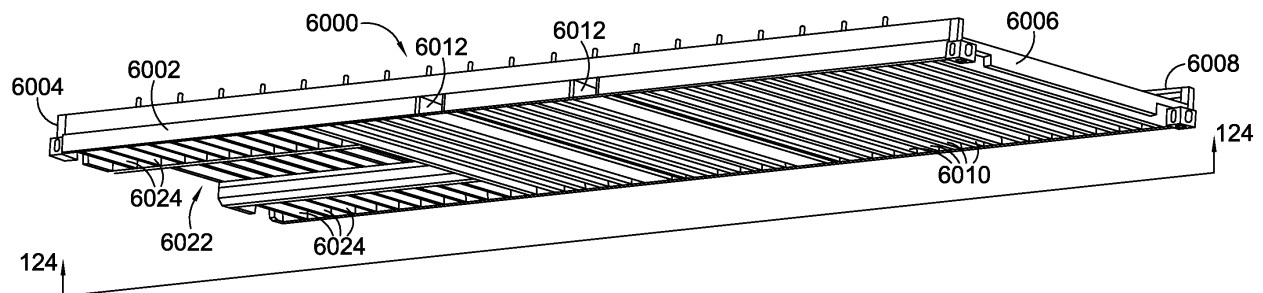


FIG. 123.

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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	WO 2013/025676 A1 (KOCHANOWSKI GEORGE E [US]) 21 February 2013 (2013-02-21) * page 9, paragraph 41 - page 10, paragraph 42 * * page 14, paragraph 57 - page 15, paragraph 57 * * page 35, paragraph 125 - page 36, paragraph 126 * * figures 1A, 3, 10 * -----	1-7,13, 14	INV. B65D88/52
X	CN 203 529 191 U (NANTONG CIMC SPECIAL TRANSPORTATION EQUIPMENT MFT CO LTD; CHINA INT M) 9 April 2014 (2014-04-09) * figures 2, 6, 10, 18 * -----	1-7,13, 14	
X	CN 201 211 962 Y (XINHUI CIMC CONTAINER CO LTD [CN]) 25 March 2009 (2009-03-25) * figures 1, 5 * -----	1-7,13, 14	
X	CN 201 395 364 Y (SHENGSHI CONTAINER R & D SHANGHAI CO LTD) 3 February 2010 (2010-02-03) * figures 3-5 * -----	1-7,13, 14	TECHNICAL FIELDS SEARCHED (IPC) B65D
X	CN 1 718 518 A (CHINA INT SHIPPING CONTAINER [CN]) 11 January 2006 (2006-01-11) * figures 1, 7 * -----	1-7,13, 14	
A	US 2014/263297 A1 (CHURBUCK THOMAS K [US] ET AL) 18 September 2014 (2014-09-18) * page 6, paragraph 155 - page 7, paragraph 155 * * figures 3, 27 * -----	1,3-7,13	
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 17 February 2016	Examiner Piolat, Olivier
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:

1-7, 13, 14

☐ 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**

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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: 1-7, 13, 14

Supporting frame assembly with cross members

2. claim: 8

Supporting frame assembly with torsional spring

3. claims: 9-12, 15

Preloaded supporting frame assembly

**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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17-02-2016

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