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(54) **SYSTEMS FOR INTERNAL AIRBED STRUCTURE**

(57) An inflatable air mattress (100) comprises a first surface (110, 115) having a first plurality of connection points (515, 525) on an interior side of the first surface (110, 115), a second surface (115, 110) having a second plurality of connection points (525, 515) on an interior side of the second surface (115, 110), the second surface configured to be substantially opposite the first surface when the inflatable air mattress (100) is inflated, one or more side surfaces (120) connecting the first surface

(110, 115) to the second surface (115, 110) such that the first surface, the second surface, and the one or more side surfaces form an airtight enclosure, and an internal structure (500) comprising a single piece of material (510) attached to one or more connection points of the first plurality of connection points (515, 525) and one or more connection points of the second plurality of connection points (525, 515).

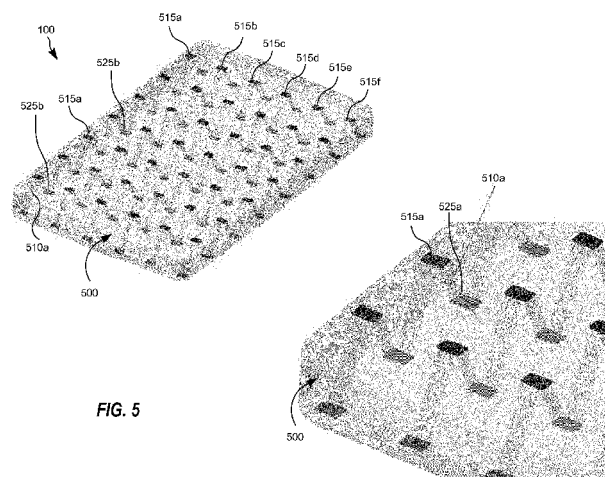


FIG. 5



EUROPEAN SEARCH REPORT

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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 2014/265485 A1 (WANG CHENG-CHUNG [TW] ET AL) 18 September 2014 (2014-09-18) * paragraph [0031] - paragraph [0034]; figures 5-8 *	1-6	INV. A47C27/08
X	US 1 916 483 A (ORA KRICHBAUM) 4 July 1933 (1933-07-04) * page 2, line 16 - line 70; figures 1-5 *	1-6	
X	DE 10 2010 022957 A1 (VAUDE SPORT GMBH & CO KG [DE]) 8 December 2011 (2011-12-08) * paragraph [0025] - paragraph [0035]; figures 2,3 *	1,2,6	
			TECHNICAL FIELDS SEARCHED (IPC)
			A47C
<div style="border: 1px solid black; padding: 5px;"> <p>The present search report has been drawn up for all claims</p> </div>			
Place of search		Date of completion of the search	Examiner
The Hague		25 July 2019	Pössinger, Tobias
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)



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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:

1-6

☐ 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: 1-6

Strip based internal structure

2. claims: 1, 7-11

Air flow control system

**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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