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### (54) Collapsible structure

(57) The present invention relates to a collapsible structure having a frame. The frame includes at least first, second, third, and fourth segments sequentially and hingedly connected to one another allowing the frame to

collapse and expand. The frame also includes a first hinge mechanism interconnecting the first and second segments, a second hinge mechanism interconnecting the second and third segments, and a third hinge mechanism interconnecting the third and fourth segments.

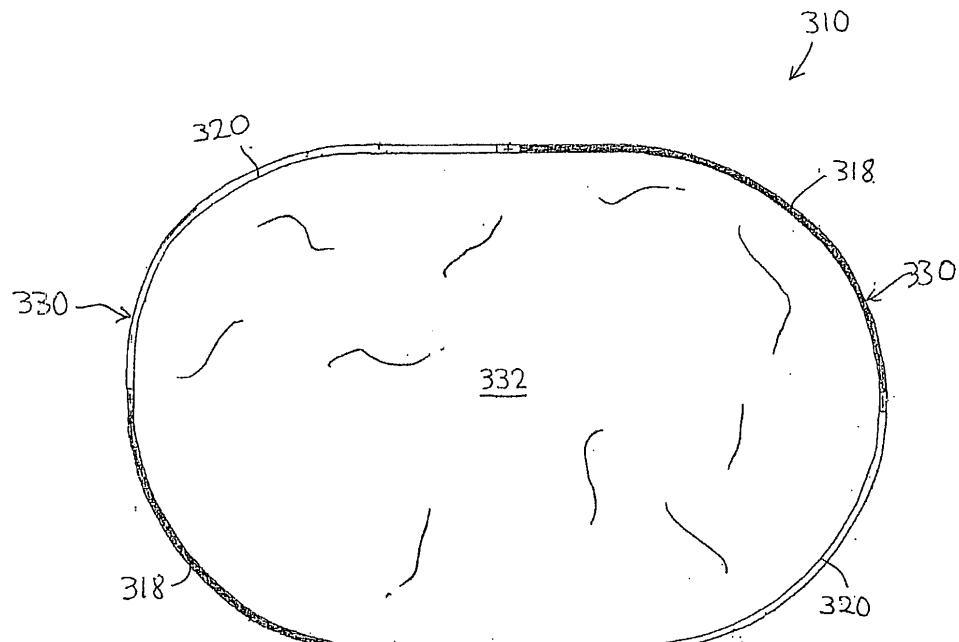


FIG. 1



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	US 5 806 549 A (LOVE ET AL) 15 September 1998 (1998-09-15) * column 4, line 58 - column 5, line 12; figures 3,4 *	1,4,9,10	INV. E04H15/48
A	----- GB 889 455 A (RALPH BLENKHORNE) 14 February 1962 (1962-02-14) * page 2, line 126 - page 3, line 40; figures 9-13 *	1,4,8-10	
A	----- WO 98/27296 A (SOTO ROJAS, ADOLFO RAFAEL) 25 June 1998 (1998-06-25) * figures 9,10 *	1,4,8-10	
A	----- DE 62 469 C (ERNST PLESS) 27 May 1892 (1892-05-27) * the whole document *	1,4,9,10	
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			E04H
The present search report has been drawn up for all claims			
1	Place of search	Date of completion of the search	Examiner
	The Hague	7 July 2006	Kriekoukis, S
CATEGORY OF CITED DOCUMENTS		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	
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			

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

EP 05 00 5856

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.

07-07-2006

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