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(11)

EP 1 192 883 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
05.11.2003 Bulletin 2003/45

(51) Int Cl.7: **A47C 20/04**

(43) Date of publication A2:
03.04.2002 Bulletin 2002/14

(21) Application number: **01308191.4**

(22) Date of filing: **26.09.2001**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR**
Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: **28.09.2000 GB 0023828**

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(54) Adjustable mattress/cushion for use with a bed or chair

(57) An adjustable mattress (1) has an integral lifting mechanism (2). The mattress (1) is effectively divided into an upper section (3) and lower section (4) via a hinge mechanism (5) which allows the upper section (3) to be raised away from the lower section (4). Typically the lift-

ing mechanism (2) is comprised of a moveable arm (8) and a load bearing structure (9) which supports the upper section (3) of the mattress (1). The mattress (1) may be foam filled or sprung and may be suitable for a single or double bed.

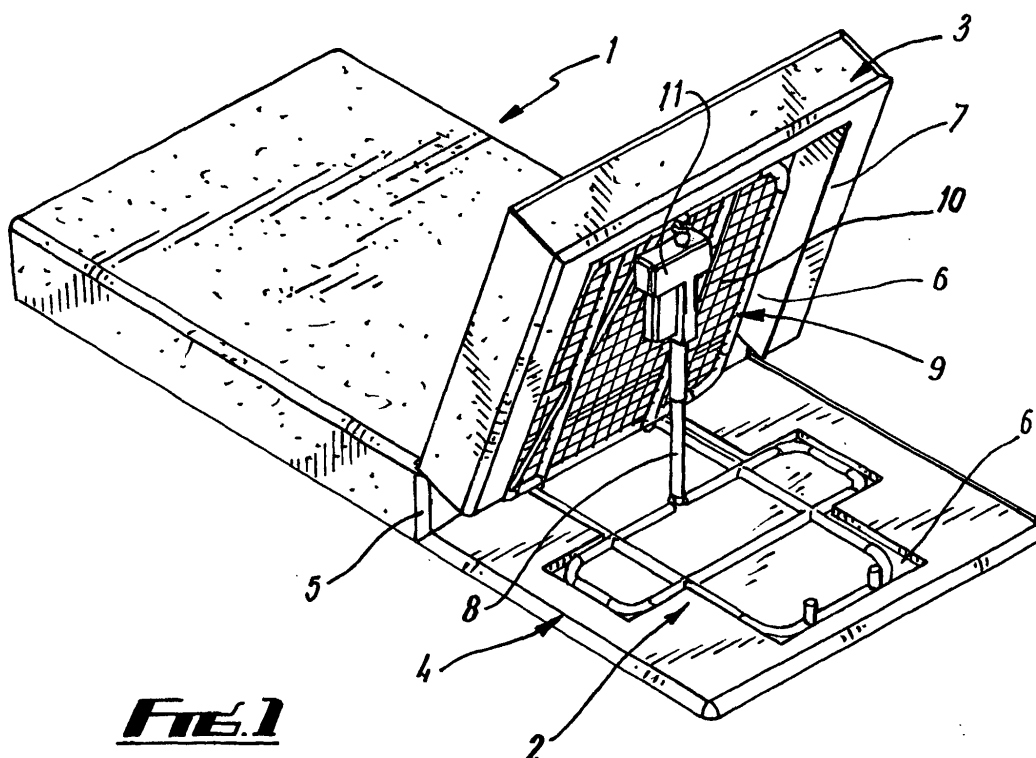


FIG. 1

EP 1 192 883 A3



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EUROPEAN SEARCH REPORT

Application Number
EP 01 30 8191

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 2 649 595 A (LEWIN MORDCHA M) 25 August 1953 (1953-08-25) * column 5, line 40-42; claim 1; figures 1,4-8 *	1-5, 7-11,13, 14,16,18	A47C20/04
X	US 1 175 260 A (ABRAHAM HARTMAN) 14 March 1916 (1916-03-14) *, sentences 50-59; figures 1-3 *	1-5, 7-10,13, 18	
X	US 771 076 A (HERBERT KINTZ) 27 September 1904 (1904-09-27) * column 2, line 51-55; figures 1-3 *	1-5, 7-10,13, 15,18	
X	US 743 344 A (PAUL G. SOUDER, JULIUS BITTNER, OSWALD BERGER) 3 November 1903 (1903-11-03) * claim 1; figures 1-3 *	1-5,13, 18	
A	US 888 303 A (JOHN M. BOWERS & WILLIAM R. CLOSE) 19 May 1908 (1908-05-19) * figures 1-3 *	1-18	TECHNICAL FIELDS SEARCHED (Int.Cl.7) A47C
A	US 3 646 621 A (FRAGAS RESTITUTO R) 7 March 1972 (1972-03-07) * figures 1-4 *	1-18	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11 September 2003	Examiner Kus, S
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

EPO FORM 1503 03 82 (P04C01)

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

EP 01 30 8191

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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11-09-2003

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2649595	A	25-08-1953	NONE	
US 1175260	A		NONE	
US 771076	A		NONE	
US 743344	A		NONE	
US 888303	A		NONE	
US 3646621	A	07-03-1972	NONE	