

(19)



Europäisches Patentamt  
European Patent Office  
Office européen des brevets



(11)

**EP 1 621 172 A3**

(12)

**EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**31.05.2006 Bulletin 2006/22**

(51) Int Cl.:  
**A61G 7/015<sup>(2006.01)</sup> A61G 7/012<sup>(2006.01)</sup>**

(43) Date of publication A2:  
**01.02.2006 Bulletin 2006/05**

(21) Application number: **05254652.0**

(22) Date of filing: **26.07.2005**

(84) Designated Contracting States:  
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR  
HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI  
SK TR**  
Designated Extension States:  
**AL BA HR MK YU**

(72) Inventor: **Hornbach, David W.**  
**Brookville, IN 47012 (US)**

(74) Representative: **Findlay, Alice Rosemary  
Lloyd Wise  
Commonwealth House,  
1-19 New Oxford Street  
London WC1A 1LW (GB)**

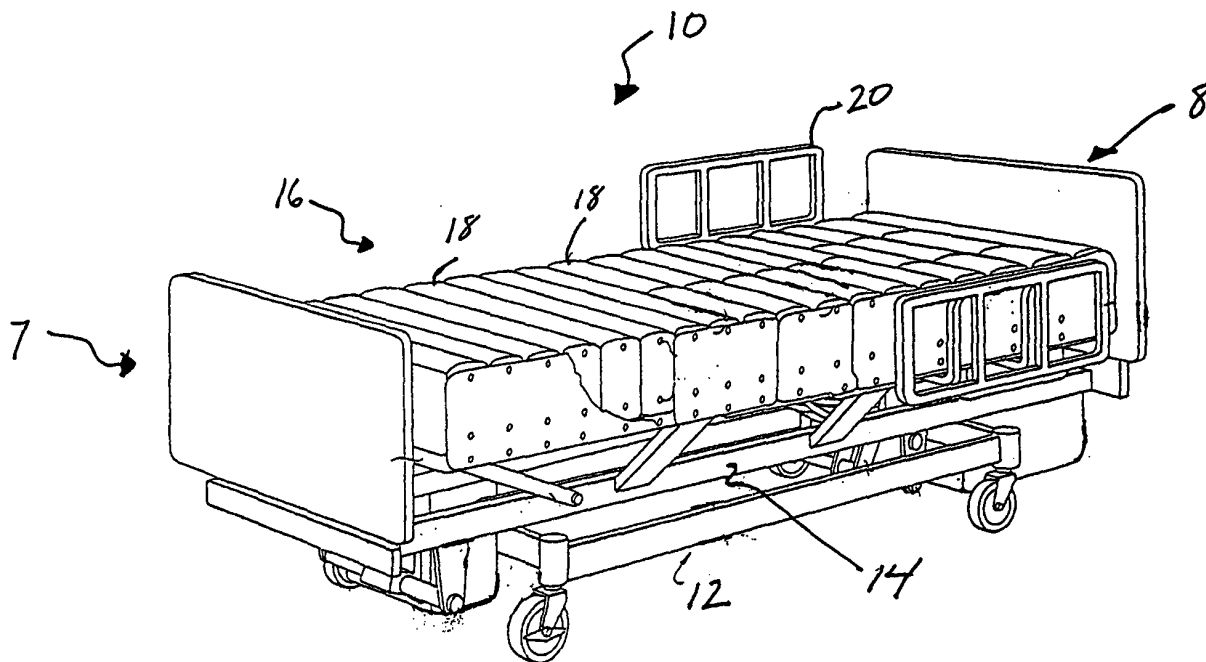
(30) Priority: **26.07.2004 US 591039 P**

(71) Applicant: **Hill-Rom Services, Inc.**  
**Wilmington, DE 19801 (US)**

(54) **Modular bed system**

(57) A patient support including a deck having a moveable head section and one or more inflatable mat-

tresses. The inflatable mattresses can position a patient in a Trendelenburg position, a reverse Trendelenburg position, or a knee gatch position.



*Fig. 1*

**EP 1 621 172 A3**



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 05 25 4652

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 2 311 217 A (ROBERT JOHN DUDLEY * WELCH) 24 September 1997 (1997-09-24) * page 6 * * figures 2,3 *	1-3,12	INV. A61G7/015 A61G7/012
Y	----- WO 01/62198 A (HILL-ROM SERVICES, INC) 30 August 2001 (2001-08-30) * figure 2 *	1,4-11	
Y	----- US 2003/159219 A1 (HARRISON SAMUEL W ET AL) 28 August 2003 (2003-08-28) * figures 1,11 * * paragraphs [0040], [0043], [0044] *	1,4-11	
A	----- US 5 367 728 A (CHANG ET AL) 29 November 1994 (1994-11-29) * figure 4 *	1,4-9	
			TECHNICAL FIELDS SEARCHED (IPC)
			A61G
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 11 April 2006	Examiner Girard, O
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	

3  
EPO FORM 1503 03.82 (P04C01)

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

EP 05 25 4652

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.

11-04-2006

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2311217	A	24-09-1997	NONE	
-----				
WO 0162198	A	30-08-2001	AU 4169001 A	03-09-2001
			CA 2401125 A1	30-08-2001
			EP 1257241 A2	20-11-2002
			JP 2004500200 T	08-01-2004
-----				
US 2003159219	A1	28-08-2003	NONE	
-----				
US 5367728	A	29-11-1994	NONE	
-----				