(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) **EP 2 135 593 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
18.08.2010 Bulletin 2010/33

(43) Date of publication A2:
23.12.2009 Bulletin 2009/52

(21) Application number: **09012752.3**

(22) Date of filing: **03.01.2003**

(51) Int Cl.:
A61G 7/08 *(2006.01)* ***B60L 11/18*** *(2006.01)*

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

(30) Priority: **04.01.2002 US 345058 P**

(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC:
03729322.2 / 1 467 692

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

(72) Inventors:
- **Kappeler, Ronald, P.**
  Batesville
  IN 47006 (US)
- **Frondorf, Michael, M.**
  Lakeside Park
  KY 41017 (US)
- **Lubbers, David, P.**
  Cincinnati
  OH 45248 (US)
- **Kummer, Joseph, A.**
  Cincinnati
  OH 45247 (US)

(74) Representative: **Findlay, Alice Rosemary**
Reddie & Grose
16 Theobalds Road
London
WC1X 8PL (GB)

(54) **Braking apparatus for a patient support**

(57) A patient support (10) including a propulsion device (18) for moving the patient support (10). An automatic braking system (103) is provided to selectively brake the patient support (10).

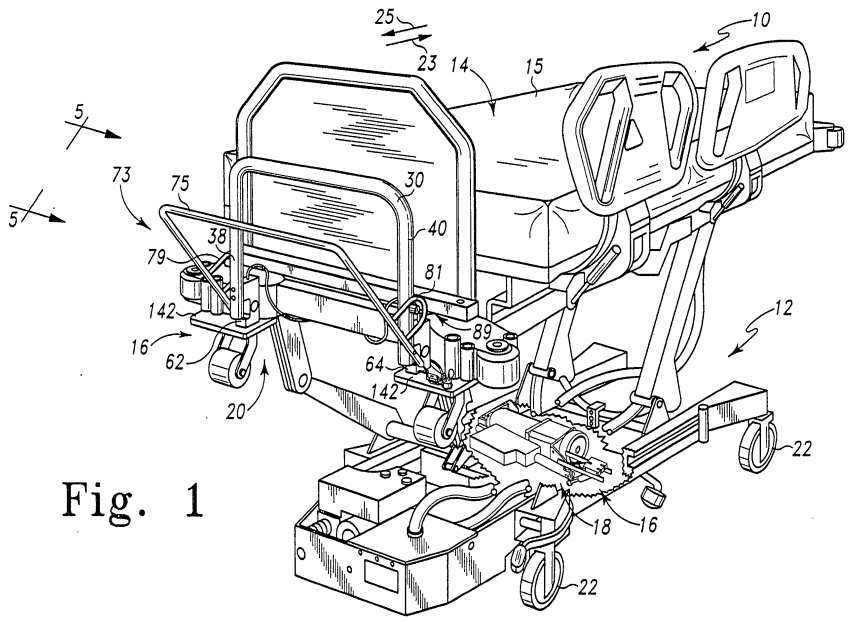


Fig. 1

EP 2 135 593 A3

Europäisches Patentamt
European Patent Office
Office européen des brevets

EUROPEAN SEARCH REPORT

Application Number
EP 09 01 2752

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 A	US 3 872 945 A (HICKMAN RAYMOND H ET AL) 25 March 1975 (1975-03-25) * column 5, line 28 - column 6, line 37; figures * -----	1,2,4-7, 9,10 3,8	INV. A61G7/08 B60L11/18
X Y	US 4 511 825 A (KLIMO ROBERT G) 16 April 1985 (1985-04-16) * column 5, line 35 - line 59 * * column 5, line 65 - column 6, line 39 * * column 11, line 31 - line 37; figures * -----	1-7,10 8,11-13	
Y	WO 01/85084 A (HILL ROM SERVICES INC) 15 November 2001 (2001-11-15) * page 12, line 4 - line 23 * * page 14, line 12 - line 20 * * page 24, line 3 - line 26; claims 16,21; figures * -----	8,11-13	

TECHNICAL FIELDS SEARCHED (IPC)

A61G
B60L

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	5 July 2010	Jones, Mark

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)

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 09 01 2752

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.

05-07-2010

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 3872945 A	25-03-1975	NONE	
US 4511825 A	16-04-1985	NONE	
WO 0185084 A	15-11-2001	AU 5975701 A	20-11-2001
		CA 2408269 A1	15-11-2001
		CN 1430497 A	16-07-2003
		CN 1899233 A	24-01-2007
		EP 1284706 A1	26-02-2003
		JP 2004515262 T	27-05-2004

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82