



(11)

EP 1 913 918 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
26.11.2008 Bulletin 2008/48

(51) Int Cl.:
A61G 5/14 (2006.01)

(43) Date of publication A2:
23.04.2008 Bulletin 2008/17

(21) Application number: 07118748.8

(22) Date of filing: 18.10.2007

(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 MT NL PL PT RO SE
SI SK TR
Designated Extension States:
AL BA HR MK RS

(30) Priority: 18.10.2006 IT FI20060253

(71) Applicant: Universita' Degli Studi di Firenze
50121 Firenze (IT)

(72) Inventors:
• Cascini, Gaetano
50124, Firenze (IT)

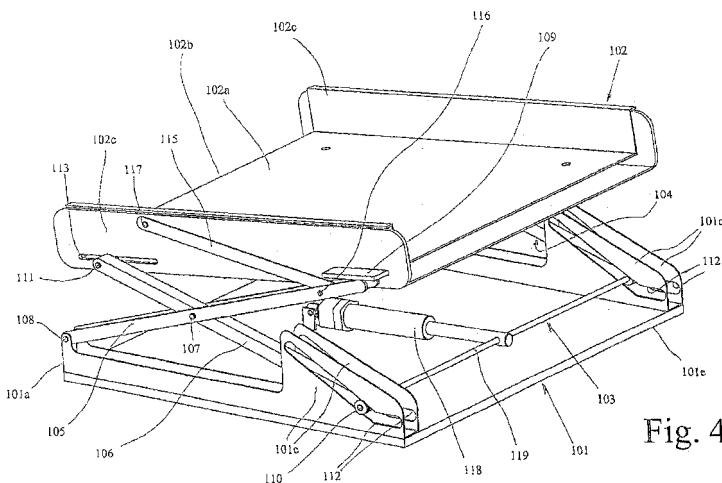
- Rissone, Paolo
51016, Montecatini Terme (Pistoia) (IT)
- Rotini, Federico
51039, Quarrata (Pistoia) (IT)
- Montelatici, Gianni
50129, Firenze (IT)

(74) Representative: Bardini, Marco Luigi et al
c/o Società Italiana Brevetti S.p.A.
Corso dei Tintori, 25
50122 Firenze (IT)

(54) Seat assist device for elderly and disabled people

(57) A seat assist device comprising: a base (1) having a support surface (1a) to be positioned on the seat surface of a chair, armchair or the like; a seat (2) defining a seat surface (2a) with a front side (2b), the seat (2) being movable between a closed configuration, wherein said seat (2) is adjacent to the base (1) with the seat surface (2a) substantially horizontal, and an open configuration, wherein the seat (2) is lifted in relation to the base (1) to assist the assumption of a standing position

by a user sitting on the seat (2) with the legs projecting over said front side (2b); and connection means (3) connecting the seat (2) and the base (1) for ensuring the motion of the seat (2) between the open and closed configurations; the connection means (3) comprising articulation means (4), for bringing the seat (2) in the open configuration in a position which is translated in relation to the base (1), both vertically and horizontally in a frontal direction, and at the same time tilted with the front side in a downward direction.





EUROPEAN SEARCH REPORT

Application Number
EP 07 11 8748

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	DE 44 08 458 A1 (FLAMME KLAUS PETER DIPL ING [DE]) 14 September 1995 (1995-09-14) * column 1, line 37 - line 49; figures 1-4,6 *	1	INV. A61G5/14
Y	-----	18	
X	US 5 918 936 A (MURPHY LLOYD F [US]) 6 July 1999 (1999-07-06) * abstract; figure 1 *	1	
Y	-----	18	
A	US 6 547 330 B1 (HESTER ROBERT GEORGE [GB]) 15 April 2003 (2003-04-15) * column 4, line 3 - line 8; figure 10 *	1	
A	-----		
A	DE 298 08 584 U1 (MUEHLBERGER DIETER DIPL DESIGN [DE]) 22 October 1998 (1998-10-22) * the whole document *	1	
A	-----		
A	GB 2 191 683 A (HOOKER JOHN ALFRED; HOOKER CHRISTOPHER JOHN) 23 December 1987 (1987-12-23) * the whole document *	1	TECHNICAL FIELDS SEARCHED (IPC)
A	-----		
A	US 6 113 188 A (STEWART ROBERT V [CA] ET AL) 5 September 2000 (2000-09-05) * the whole document *	1	A61G

The present search report has been drawn up for all claims			
2	Place of search	Date of completion of the search	Examiner
	The Hague	13 October 2008	Godot, Thierry
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			

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

EP 07 11 8748

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.

13-10-2008

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
DE 4408458	A1	14-09-1995		NONE		
US 5918936	A	06-07-1999		NONE		
US 6547330	B1	15-04-2003	EP	1103242 A2		30-05-2001
DE 29808584	U1	22-10-1998		NONE		
GB 2191683	A	23-12-1987		NONE		
US 6113188	A	05-09-2000		NONE		