



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
05.12.2012 Bulletin 2012/49

(51) Int Cl.:
A61G 7/05 (2006.01)

(43) Date of publication A2:
18.05.2011 Bulletin 2011/20

(21) Application number: **10189755.1**

(22) Date of filing: **03.11.2010**

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA ME

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(30) Priority: **17.11.2009 FI 20096189**

(54) **Bed safety rail**

(57) The invention relates to a bed, especially hospital bed safety rail (2), which is attached to a lengthwise (A-A) side of a bed (1). The safety rail comprises two end supports (3, 4) disposed at a distance from each other, and at least one rail section (5; 51, 52, 53, 54) disposed between the end supports (3, 4) substantially in a longitudinal direction of the bed. The end supports (3, 4) are mounted pivotally in engagement with the bed, such that the end supports are rotatable from a position inclined in

the longitudinal direction of the bed to an upright position as the safety rail (2) is raised from a bottom position (B) to a top position (C), and respectively rotatable in an opposite direction as the safety rail is lowered from the top position to the bottom position. Thereby, the rail section (5; 51, 52, 53, 54) being retains, despite the rotating motion, its substantially horizontal orientation. According to the invention, the safety rail (2) further comprises a gas spring (6) disposed between the rail section (5; 51) and the end support (3).

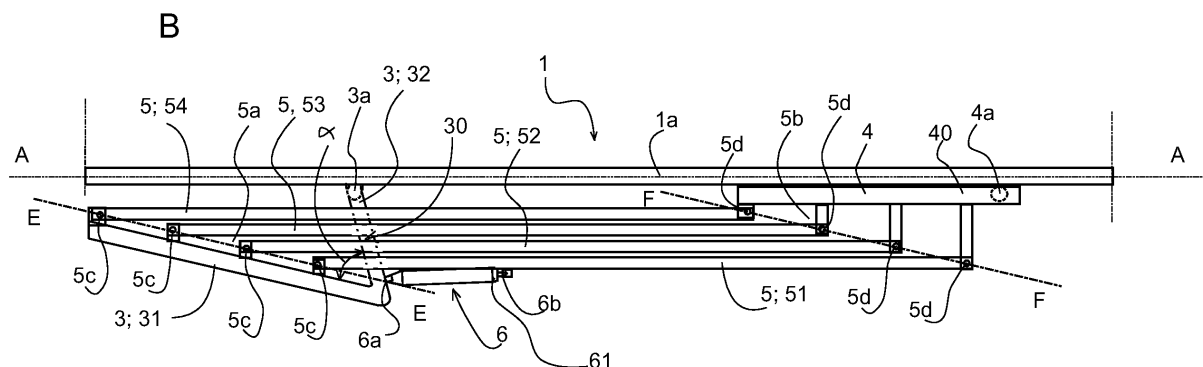


FIG. 2



EUROPEAN SEARCH REPORT

Application Number
EP 10 18 9755

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	US 2009/070928 A1 (HUANG CHI-TZUNG [TW]) 19 March 2009 (2009-03-19) * figure 6 *	1-8	INV. A61G7/05
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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 29 October 2012	Examiner Girard, Olivier
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	

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EPO FORM 1503 03.82 (P04C01)

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

EP 10 18 9755

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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