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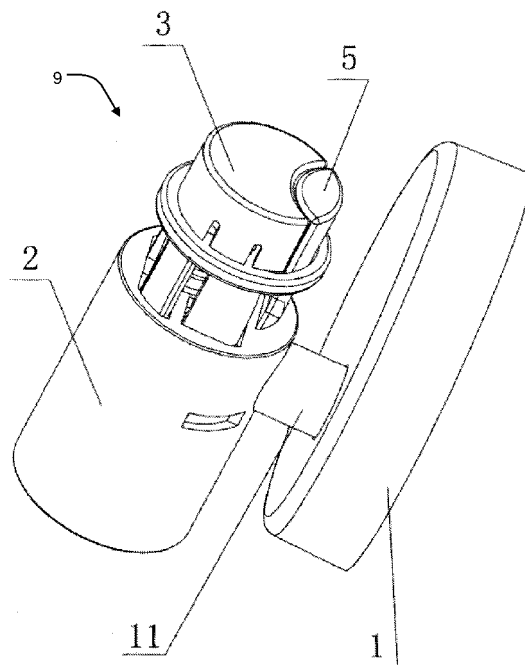
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(54) **Hinge assembly**

(57) Hinge assembly (9) for releasable mounting of a seat assembly, the seat assembly being pivotable around a hinge axis. The hinge assembly comprises: a hinge base (1) comprising a snap connector (11) and a lock (3) at least partially provided in a hinge body. The lock comprises a snap block (32) with a hole (33) wherein the hole is adapted to connect with the snap connector when the lock is in a locked position. The lock is connected to a spring (4) arranged to be compressed when the lock is displaced by means of pressure, in a direction substantially parallel to the hinge axis. The lock is further provided with a first flexible clip piece (31a), adapted to engage with the rotating shaft (2), when the lock is in an unlocked position, in order prevent the lock from being reset, when pressure is removed from the lock.



**Fig. 1**



## EUROPEAN SEARCH REPORT

Application Number  
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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	CN 201 194 774 Y (XIAMEN HAODI SANITARY INDUSTRY [CN]) 18 February 2009 (2009-02-18) * page 5, paragraph 1 - page 6, last paragraph; figures *	1,3-9, 11-15	INV. A47K13/12 A47K13/26
X	CN 201 308 445 Y (DONG PENG [CN]) 16 September 2009 (2009-09-16) * page 4, last paragraph - page 5, last paragraph; figures *	1-5,8,9, 12-15 6,7,11	
A			
X	CN 201 197 690 Y (BINHUA GONG [CN]) 25 February 2009 (2009-02-25) * page 8, line 14 - page 12, line 2; figures *	1,3-9, 11-15	
			TECHNICAL FIELDS SEARCHED (IPC)
			A47K
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		31 July 2012	Fordham, Alan
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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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

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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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31-07-2012

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CN 201194774	Y	18-02-2009	NONE	
CN 201308445	Y	16-09-2009	NONE	
CN 201197690	Y	25-02-2009	NONE	

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