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(54) **A method of assembling a rotatable bayonet joint and such joint**

(57) A method is provided for the assembly of a first and a second element that are, following assembly, rotatable relative to each other. The first element is provided with a mounting aperture (4) with bayonet protrusions (5), and the second element is provided with a mounting pin (7) with bayonet protrusions (8) that are complementary with the bayonet protrusions (5) in the mounting aperture (4). Following assembly of the first and the second element a third element is mounted on the first or the second element, which third element allows rotation between the first and the second elements, but prevents the first and the second elements from being, at a later stage, rotated to the mounting position.

Such rotatable joint between a first and a second element is also provided.

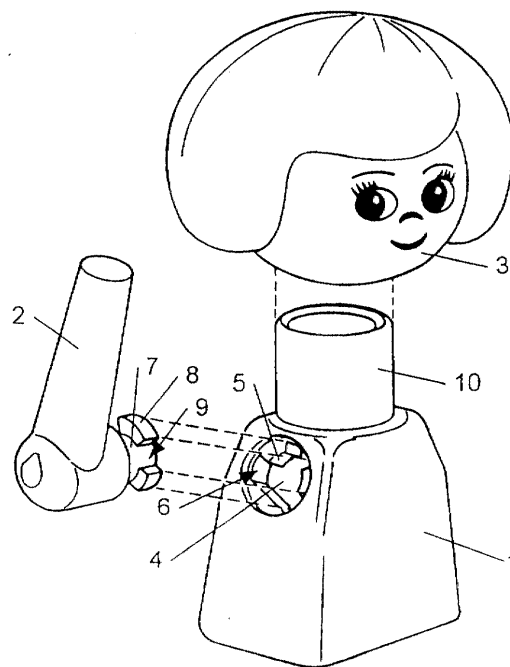


Fig. 1

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# EUROPEAN SEARCH REPORT

Application Number  
EP 00 61 0114

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 2 799 970 A (BAGGOTT EDMUND W) 23 July 1957 (1957-07-23)	1,2,5,6	A63H3/46 A63H33/06
Y	* column 1, line 35 - line 36; claims 1-5; figures 2,3,6 *	4,8	
	---		
X	US 1 485 359 A (PETER BALLAZ) 4 March 1924 (1924-03-04)	1,5	
Y	* column 1, line 37 - column 2, line 85; figures 1-4 *	4,8	
	---		
A	US 165 726 A (PIERRE IMANS) 27 September 1922 (1922-09-27)	2	
	* figure 6 *		
	---		
A	US 285 690 A (VICTOR SIEGEL) 23 February 1928 (1928-02-23)	2	
	* figures 1-5 *		
	---		
A	US 2 381 897 A (MAX GELLER) 14 August 1945 (1945-08-14)	2	
	* figures 1-3 *		
	-----		
The present search report has been drawn up for all claims			<b>TECHNICAL FIELDS SEARCHED (Int.Cl.7)</b>  A63H F16B
Place of search <b>MUNICH</b>		Date of completion of the search <b>16 January 2003</b>	Examiner <b>Shmonin, V</b>
<b>CATEGORY OF CITED DOCUMENTS</b> 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.**

EP 00 61 0114

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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16-01-2003

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2799970	A	23-07-1957	NONE	
US 1485359	A	04-03-1924	NONE	
US 165726	A		NONE	
US 285690	A		NONE	
US 2381897	A	14-08-1945	US 2407367 A	10-09-1946
			US 2448668 A	07-09-1948