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(54) **Doll having rotomolded body parts and articulated limb inserts**

(57) A doll (20) having body parts which include rotomolded skin (66) and articulated inserts (68) is provided. The doll has two arms and two legs which have a flexible skin rotomolded from vinyl. After the skin of each arm and leg has been rotomolded, an articulated insert is inserted through an insertion hole into a cavity

formed within the skin. The articulated inserts allow the elbows and knees of the doll to be rotated and selectively positioned by a user in order to simulate the respective human joints and to allow a user to pose the doll as desired. Each of the inserts comprises a detent (80) which allows the respective joint to be selectively positioned at discrete angles of rotation.



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EUROPEAN SEARCH REPORT

Application Number
EP 00 30 5619

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)
Y	GB 1 410 714 A (PLASTY SPIELZEUG GMBH CO KG) 22 October 1975 (1975-10-22)	1,4	A63H3/00
A	* page 1, line 18 - line 33; figures *	2,3,5, 9-11	

Y	GB 1 538 404 A (PLASTY SPIELZEUG GMBH & CO KG) 17 January 1979 (1979-01-17)	1,4	
A	* page 1, line 80 - page 2, line 40; figures 1-1-3 *	2,3,5	

Y	US 5 630 745 A (YEH HSU-CHONG) 20 May 1997 (1997-05-20)	1,4	
	* column 3, line 7 - line 9; figures 1,3,4 *		

Y	US 3 628 282 A (JOHNSON ROLLIN C ET AL) 21 December 1971 (1971-12-21)	1,4	
	* column 1, line 42 - line 44; figure 1 *		

			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A63H
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
MUNICH		20 February 2001	Lucas, P
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)



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**LACK OF UNITY OF INVENTION
SHEET B**

Application Number

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims: 1-5, 9-11

A body part for a doll comprising an articulated insert having means for selectively positioning a first member in relation to a second member.

2. Claims: 6-8

A process for forming a body part of a doll comprising the steps of rotomolding the part and inserting an articulated insert into a cavity in the part.

The above separate groups of inventions are not so linked as to form a single common inventive concept. In this case there is no common concept shared by the independent claims of the two groups, which can be defined by the equivalent technical features common to both, which can support an inventive and unifying concept.

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

EP 00 30 5619

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.

20-02-2001

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