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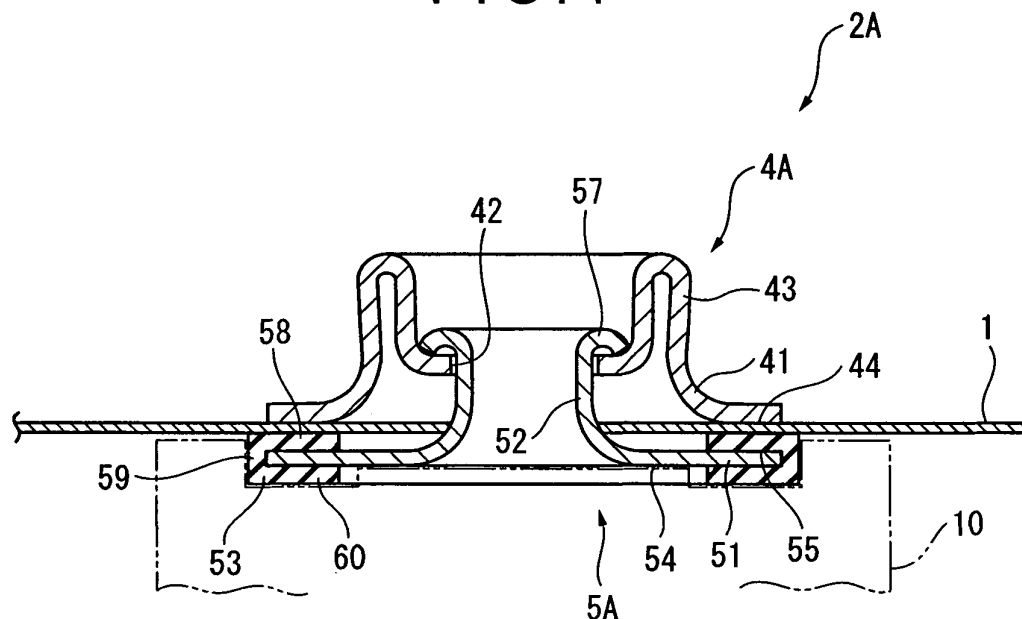
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(54) **Fixture and button**

(57) A fixture (5A) for fixing a button body (4A) on a fabric (1) includes a flange (51), a fixing post (52) provided at the center of the flange, and a packing (53) provided on the flange. The packing (53) includes a spacer (58) provided on a surface of the flange confronting the fabric,

and a retainer edge (60) extending from the spacer (58) to a surface opposite to the fixing post (52) via a connecting portion (59) and covering at least a part of an outer circumferential edge of the flange (51) except an area occupied by a pressure receiver (54).

FIG. 1





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	EP 0 220 624 A2 (YOSHIDA KOGYO KK [JP]) 6 May 1987 (1987-05-06) * page 5, line 8 - page 10, line 4; figures 1-7 *	1-8	INV. A44B17/00
A	EP 1 090 565 A2 (RACCOSTA GAETANO [IT]; RACCOSTA SANDRO [IT]) 11 April 2001 (2001-04-11) * column 2, line 41 - column 3, line 38; figures 1-4 *	1-8	
A	FR 1 368 783 A (LAFOND) 7 August 1964 (1964-08-07) * page 1, line 70 - page 2, line 65; figures 1-12 *	1-8	
A	DE 39 24 366 A1 (PRYM WERKE WILLIAM [DE]) 31 January 1991 (1991-01-31) * column 3, line 11 - column 5, line 50; figures 1-5 *	1-8	
A	GB 222 598 A (CHARLES JOHN HOARE; NEVILLE ALLDAY) 9 October 1924 (1924-10-09) * page 2, line 111 - page 3, line 82; figures 1-4 *	1-8	TECHNICAL FIELDS SEARCHED (IPC) A44B
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 6 December 2006	Examiner Lendfers, Paul
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.**

EP 05 25 5389

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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06-12-2006

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0220624	A2	06-05-1987	AU 561887 B1 21-05-1987
		DE 3665977 D1 09-11-1989	
		HK 31892 A 08-05-1992	
		JP 3054566 Y2 03-12-1991	
		JP 62068603 U 30-04-1987	
		SG 26492 G 15-05-1992	
		US 4706344 A 17-11-1987	
EP 1090565	A2	11-04-2001	IT MI992088 A1 06-04-2001
FR 1368783	A	07-08-1964	NONE
DE 3924366	A1	31-01-1991	NONE
GB 222598	A	09-10-1924	NONE