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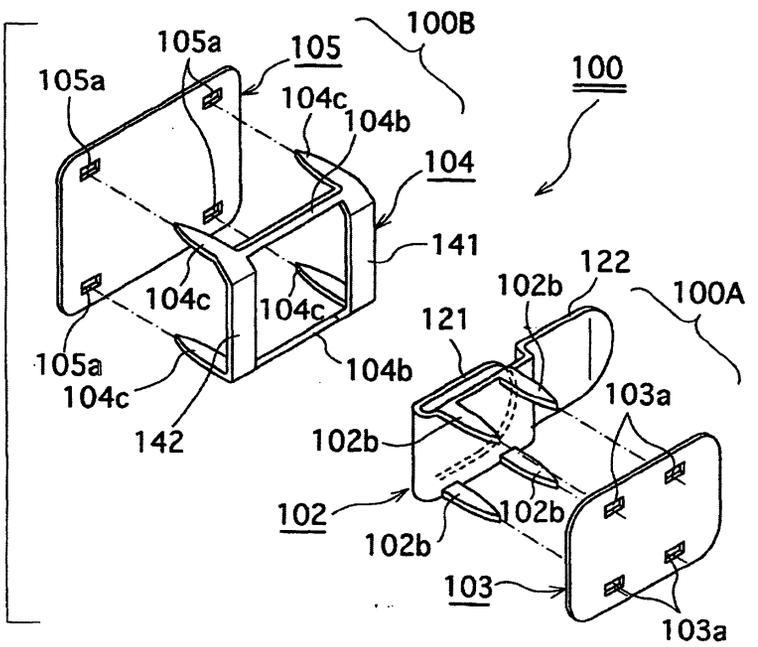
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(54) Hook assembly used for waist-adjusing mechanism of garment and garment having waist-adjusting mechanism

(57) A front center opening can be opened and closed by a zip fastener. A hook assembly joins upper ends of the front center opening in a separable way and adjusts a waist size of pants within a fixed range. An adjusting cloth is sewed between one of fastener tapes of the zip fastener and an outer cloth of the front center opening. The adjusting cloth has an overlap to provide an extra length on the waist size of the pants. The hook assembly adjusts the waist size of the pants so as to fit a waist size of a user. The overlap of the adjusting cloth is extended in a specified manner so as to adjust a size of the pants corresponding to a portion lower than the waist of the user.

FIG.1



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EUROPEAN SEARCH REPORT

Application Number
EP 01 10 4941

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	DE 295 927 C (H. SEABURY) 5 November 1915 (1915-11-05)	1	A44B13/00
A	* the whole document *	3,5	
Y	US 4 183 121 A (COUSINS SYDNE) 15 January 1980 (1980-01-15) * column 3, line 6 - column 4, line 60; claims 1,9-15; figures 1-10 *	1	
Y	FR 2 776 481 A (BANAYAN LEAH) 1 October 1999 (1999-10-01) * page 5, paragraph 4 - paragraph 5; figures 3,4 *	1	
Y	AT 372 583 B (FILDAN GERHARD) 25 October 1983 (1983-10-25)	1	
A	* page 2, line 33 - page 3, line 38; figures 1-5 *	3,6,13, 14	
A	EP 0 784 945 A (ISHIZAKI PRESS KOGYO KK) 23 July 1997 (1997-07-23) * column 6, line 46 - column 7, line 57; figures 1-4 *	9,10	TECHNICAL FIELDS SEARCHED (Int.Cl.7) A44B A41F
A	GB 752 800 A (WALKER LTD THOMAS) 18 July 1956 (1956-07-18) * page 2, line 15 - line 99; figures 1-8 *	1,15	
A	DE 87 03 965 U (GUTOS METALLSCHLIESSENFABRIK BADER & HOCH) 7 May 1987 (1987-05-07) * claims 1-5; figures 1-4 *	1,16	

~~The present search report has been drawn up for all claims~~

Place of search	Date of completion of the search	Examiner
The Hague	31 August 2004	Garnier, F

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
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& : member of the same patent family, corresponding document

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

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:

see sheet B

☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1 - 16

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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: 1-16

Hook and socket assembly

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2. claims: 17-40

Waist adjustable garment with a zipper closure and an adjusting waist size fastener

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