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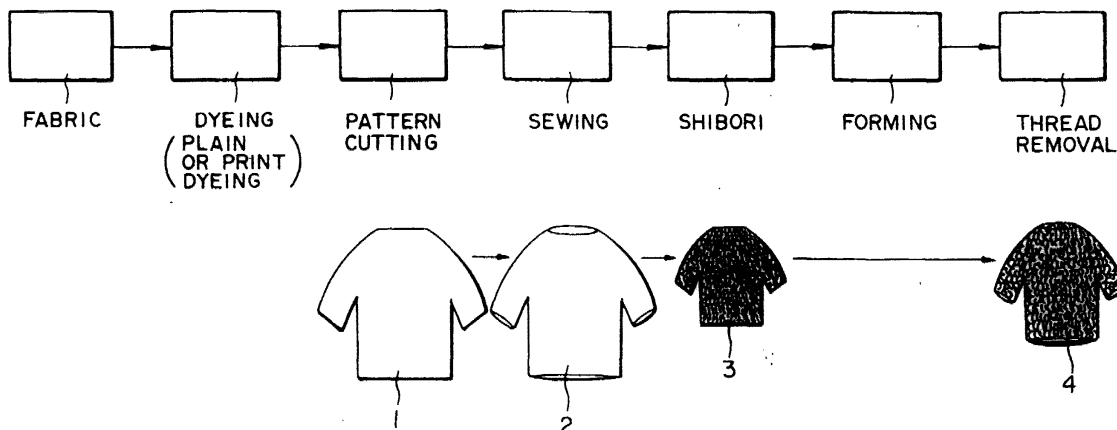
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(54) **Method for manufacturing shibori clothes**

(57) The present invention provides a method of manufacturing shibori clothes (4) of the desired form and hue in a secure and stable manner by application of measures taken to intentionally leave relief-like shapes called "shibo" (crimps) in the clothes (4) and to provide new types of shibori clothes (4) with unique forms, stretchability, handling and draping qualities, comfort when worn, etc., wherein a shibori clothing manufacturing method, comprising at least a "shibori (bind-

ing) process", in which numerous portions of a dyed and sewn cloth (2) are bound partially with a thread (6), a "setting process", which has at least a "steam setting process" by which the shibori cloth (3), obtained by the "shibori (binding) process" is exposed to steam in order to maintain the shibori (bound) shapes, and a "thread removal process", in which the abovementioned thread (6) is removed after the "setting process", and shibori clothes (4) made by this method.

**FIG. 1**





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# EUROPEAN SEARCH REPORT

Application Number  
EP 00 12 0648

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 5 356 055 A (N. TAKIZAWA) 18 October 1994 (1994-10-18) * column 7, line 49 - column 9, line 22 *	1, 2, 9	D06B11/00 D06C23/04
X	US 3 504 997 A (H.F. CLAPHAM) 7 April 1970 (1970-04-07) * claims 1-5 * * column 1, line 35 - column 2, line 60 *	4	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			D06C D06J D06P
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		29 May 2002	Goodall, C
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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  &amp; : member of the same patent family, corresponding document</p>			

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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:



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**LACK OF UNITY OF INVENTION  
SHEET B**

Application Number  
EP 00 12 0648

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: 1-3, 5-9

Method for manufacturing shibori clothes and shibori clothes  
produced by the method

2. Claim : 4

Method for dyeing cation-dyeable polyester cloth

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

EP 00 12 0648

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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29-05-2002

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5356055 A	18-10-1994	JP 2850166 B2	27-01-1999
		JP 5098563 A	20-04-1993
		CA 2067542 A1	23-02-1993
		CN 1070236 A ,B	24-03-1993
		DE 69213625 D1	17-10-1996
		DE 69213625 T2	17-04-1997
		EP 0529766 A1	03-03-1993
		ES 2092036 T3	16-11-1996
		KR 9700315 B1	08-01-1997
US 3504997 A	07-04-1970	US 3387916 A	11-06-1968
		CH 429654 B	31-08-1966
		CH 1625664 A	
		DE 1263679 B	
		FR 1427817 A	11-02-1966
		GB 1037990 A	03-08-1966

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