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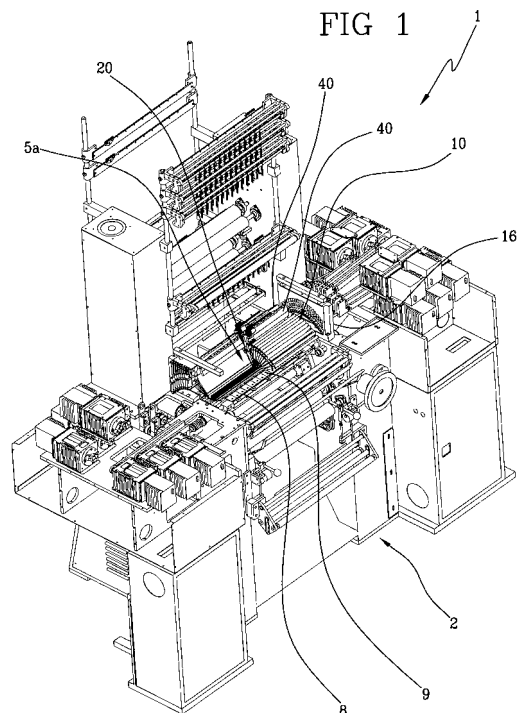
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(54) **Crochet machine**

(57) A crochet machine comprising weaving members (12) for manufacturing a textile product; at least one main bar (40); at least one weaving element (20) designed to obtain ornaments in said textile product; at least one actuator (30) mounted on said main bar (40) and uniquely dedicated to said weaving element (20), said actuator (30) being active on said weaving element (20) to move the latter along a direction transverse to a longitudinal extension of said main bar (40).



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EUROPEAN SEARCH REPORT

Application Number
EP 07 42 5522

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 4 876 862 A (ZORINI LUIGI O [IT]) 31 October 1989 (1989-10-31)	1-6,11, 22-25, 32-34	INV. D04B27/32 D04B25/12
Y A	* column 1 - column 4; figures 1, 1A, 1B, 2 *	3,5,9,29 7,8,35	

X	US 5 669 248 A (MISTA KRESIMIR [DE] ET AL) 23 September 1997 (1997-09-23)	1,2,4,6, 11, 22-25, 29,32,33	
Y A	* column 1 - column 5; figures 1-11 *	3,5,29 7-9, 26-28, 34,35	

X	CH 469 122 A (LINDNER HEINZ WALTER [DE]; ROSCHER RICHARD GEORG [DE]) 28 February 1969 (1969-02-28)	1,2,4,6, 11,22-29	
Y A	* column 1 - column 3; figure 1 *	3,5 7-9, 32-35	TECHNICAL FIELDS SEARCHED (IPC)

X	US 5 675 993 A (ONO KOTARO [JP] ET AL) 14 October 1997 (1997-10-14)	1,2,4,6, 9,11,22, 23,29, 32-34	D04B
Y A	* column 1, line 5 - line 11 * * column 10, line 8 - line 53; figure 6 *	3,5,9 7,8, 24-28,35	

X	US 4 285 217 A (MISTA KRESIMIR ET AL) 25 August 1981 (1981-08-25)	1,2,4,6, 11, 22-25,29	
Y A	* column 1, line 1 - column 2, line 42; figures 1-3 *	3,5 7-9, 26-28, 32-35	

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-The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 9 March 2011	Examiner Zirkler, Stefanie
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	

4 EPO FORM 1503 03.82 (P/MC01)



EUROPEAN SEARCH REPORT

Application Number
EP 07 42 5522

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 1 520 922 A2 (ZORINI LUIGI OMODEO [IT]) 6 April 2005 (2005-04-06) * paragraphs [0001], [0002], [0029], [0030]; figures 1, 2 * -----	1-11, 22-29, 32-35	
			TECHNICAL FIELDS SEARCHED (IPC)
-The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 9 March 2011	Examiner Zirkler, Stefanie
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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EPO FORM 1503_03_82 (P04C01)



Application Number

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due 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 those claims for which no payment was due.

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:
1-11, 22-29, 32-35
- The present supplementary 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 (Rule 164 (1) EPC).

**LACK OF UNITY OF INVENTION
SHEET B**Application Number
EP 07 42 5522

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: 1-11, 22-29, 32-35

Crochet machine with threading tubes arranged on a main bar, wherein each threading tube is equipped with an actuator to move it in a direction transverse to the longitudinal extension of the main bar.

2. claims: 1, 12-16

Crochet machine with a picker device, wherein a movement of the picker device is generated by an actuator uniquely dedicated to it.

3. claims: 17, 18

Crochet machine with a retaining device, wherein an alternate movement of the retaining device is generated by an actuator uniquely dedicated to it.

4. claims: 19-21

Crochet machine with a cutting device, wherein the cutting device can be activated by an actuator uniquely dedicated to it.

5. claims: 30, 31

A crochet machine with an actuator acting on a bar of the crochet machine to rotate the bar around its longitudinal axis.

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

EP 07 42 5522

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.

09-03-2011

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