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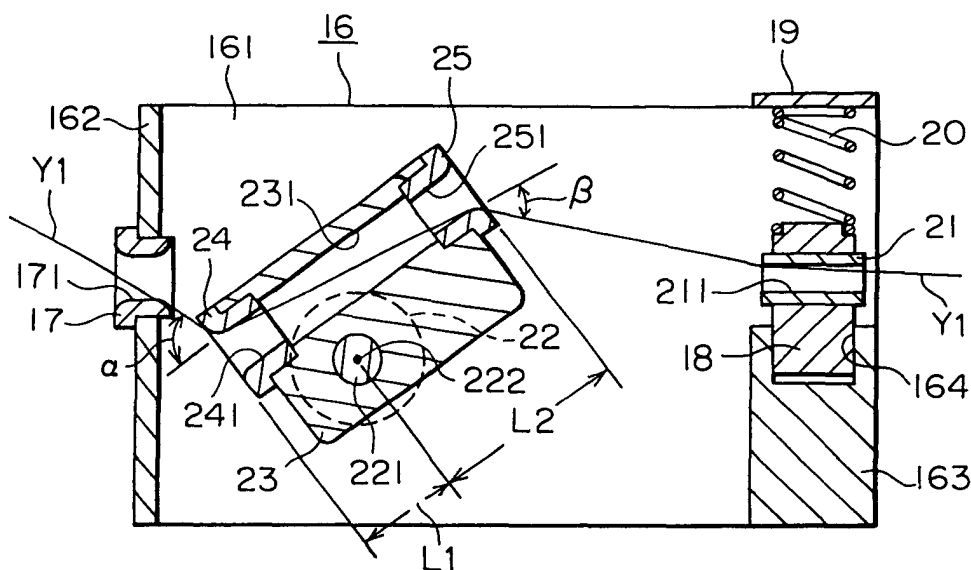
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(54) **Weft insertion control apparatus in jet loom**

(57) A distance L1 between a rotation axis 222 of a stepping motor 22 and a first guide ring 24 is made shorter than a distance L2 between the rotation axis 222 and

a second guide ring 25. When weft Y1 is on a second yarn route, that is, when a yarn route changing body 23 is in a weft braking position, a yarn bending angle α becomes larger than a yarn bending angle β .

FIG. 3





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EUROPEAN SEARCH REPORT

Application Number
EP 02 00 9374

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)
A,D	EP 0 527 510 A (PICANOL NV) 17 February 1993 (1993-02-17) * abstract; figures 1-7 *	1-6	D03D47/34 B65H59/26
A,D	JP 60 185844 A (HANDA KENJIROU) 21 September 1985 (1985-09-21) * abstract; figures 1-3 *	1-6	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			D03D B65H
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 29 August 2002	Examiner Louter, 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			

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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:

1-6



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LACK OF UNITY OF INVENTION
SHEET B

Application Number
EP 02 00 9374

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: 1-6

weft insertion control apparatus with route changing means
having a special arrangement of two contacting bodies.

2. Claims: 7-10

A weft insertion control apparatus having a weft insertion
imparting means with a movable body

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

EP 02 00 9374

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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29-08-2002

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