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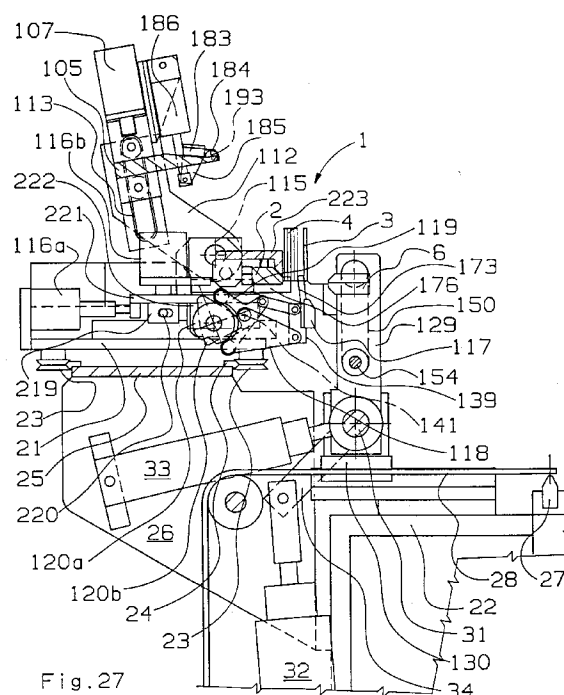
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(54) **Automatic equipment for feeding cuffs or ribs to loom of cotton type, for production of knitted fabric.**

(57) The storage comb (2) matches the feeding combs (6) of the sinker bars (27) by moving forward and/or swinging the supports (12,176) (Figures 1 and 27), which are borne by the carriage (1) moving along the loom; the selection means (5,105) break down the rib (3) from the pack (4) with strips of gripping material (46) and/or with retractable hooks (84,184); a pusher comb (17,117) moves between the matched comb needles (2 and 6) to transfer the rib; the feeding combs (6), supported on pairs of pivotal arms (29,129), are rotated by extending lower double cylinders (32) and an amplified transmission (48,49,50), or by a direct transmission (150,154) independently actuated; said combs (6) are shifted towards the sinker bar by the extension of sub-horizontal cylinders (33).





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# EUROPEAN SEARCH REPORT

Application Number

EP 92 10 6790

| 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.5) |
| P,X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EP-A-0 473 317 (MONK-COTTON LTD)<br>* column 2, line 39 - column 3, line 48;<br>figures 1,2 * | 1,2,4,7                                             | D04B11/24                                     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | GB-A-1 260 518 (VEB WIRKMASCHINENBAU<br>KARL-MARX-STADT)                                      |                                                     |                                               |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | GB-A-1 195 698 (WILLIAM COTTON LTD)                                                           |                                                     |                                               |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FR-A-1 601 753 (WILLIAM COTTON LTD)                                                           |                                                     |                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                               |                                                     | TECHNICAL FIELDS<br>SEARCHED (Int. Cl.5)      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                               |                                                     | D04B                                          |
| The present search report has been drawn up for all claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                               |                                                     |                                               |
| Place of search<br>THE HAGUE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                               | Date of completion of the search<br>08 OCTOBER 1992 | Examiner<br>VAN GELDER P.A.                   |
| <p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone<br/> Y : particularly relevant if combined with another document of the same category<br/> A : technological background<br/> O : non-written disclosure<br/> P : intermediate document</p> <p>T : theory or principle underlying the invention<br/> E : earlier patent document, but published on, or after the filing date<br/> D : document cited in the application<br/> L : document cited for other reasons</p> <p>&amp; : member of the same patent family, corresponding document</p> |                                                                                               |                                                     |                                               |

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