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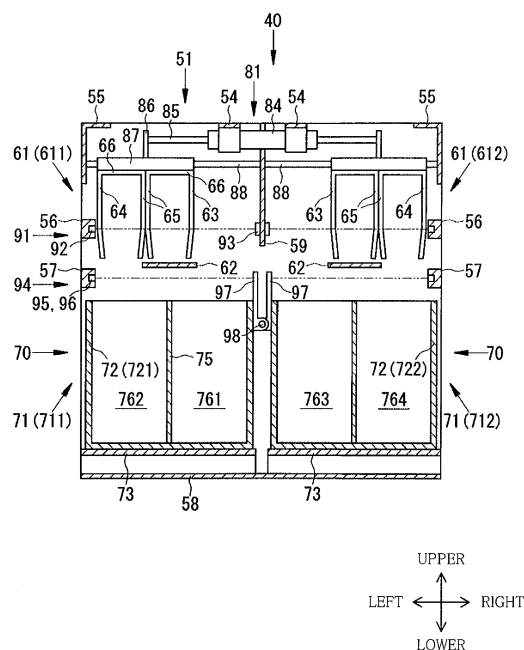
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(54) **Bobbin accommodating device and automatic winder**

(57) A bobbin accommodating device 40 adapted to accommodate yarn absent bobbins B discharged from a winding unit 10 includes introduction ports 671, 672 into which the yarn absent bobbins B are introduced, a holding section 61 adapted to temporarily hold the yarn absent bobbins B introduced through the introduction ports 671, 672 while maintaining a uniform orientation of end portions thereof and, in a case the amount of the held yarn absent bobbins B has reached a prescribed amount, to discharge the held yarn absent bobbins B, and an accommodating section 71 adapted to allocate to a plurality of compartments and accommodate the yarn absent bobbins B discharged from the holding section 61. The holding section 61 includes an allocating and discharging mechanism 81 adapted to allocate the held yarn absent bobbins B to each of the compartments of the accommodating section 71.

FIG. 5





## EUROPEAN SEARCH REPORT

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EP 13 18 4648

| 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<br>A   | JP H02 193873 A (MURAO BOKI KK)<br>31 July 1990 (1990-07-31)<br>* abstract; figures 1-3 * | 1,3,4,7<br>2,5,6,<br>8-15        | INV.<br>B65H67/06                       |
| X  | JP S54 158030 U (.)<br>2 November 1979 (1979-11-02)<br>* figure 4 *                       | 1-3                              |   |
| X  | JP S54 14038 U (.)<br>29 January 1979 (1979-01-29)<br>* figures 1,3,5 *                   | 1,2                              |   |
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|  |   |                                  | TECHNICAL FIELDS SEARCHED (IPC)         |
|  |   |                                  | B65H                                    |
| The present search report has been drawn up for all claims   |   |                                  |   |
| Place of search  |   | Date of completion of the search | Examiner                                |
| The Hague  |   | 20 November 2014                 | Pussemier, Bart                         |
| CATEGORY OF CITED DOCUMENTS  |   |                                  |   |
| <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<br/> &amp; : member of the same patent family, corresponding document</p> |   |                                  |   |

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EPO FORM 1503 03.82 (P04C01)

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

EP 13 18 4648

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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