Yarn winding device and automatic winder

A yarn winding device (10), which winds a yarn drawn out from a replaceable yarn supplying bobbin (21) into a package (30), the yarn winding device (10) comprising:

an accumulator (61) serving as a tension transmission interrupting mechanism, which interrupts transmission of a tension change occurring on the yarn supplying bobbin (21) side to prevent the tension change from being transmitted to the package (30), and

a tension control mechanism (42) for flexibly controlling tension of the yarn being wound into the package (30).
**PARTIAL EUROPEAN SEARCH REPORT**

under Rule 62a and/or 63 of the European Patent Convention.
This report shall be considered, for the purposes of
subsequent proceedings, as the European search report

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**DOCUMENTS CONSIDERED TO BE RELEVANT**

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document with indication, where appropriate, of relevant passages</th>
<th>Relevant to claim</th>
<th>CLASSIFICATION OF THE APPLICATION (IPC)</th>
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<tr>
<td>A,D</td>
<td>US 3 314 621 A (KAREL BOUS) 18 April 1967 (1967-04-18) * figure 1 *</td>
<td>3-6</td>
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**TECHNICAL FIELDS SEARCHED (IPC)**

B65H

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**INCOMPLETE SEARCH**

The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC so that only a partial search (R.62a, 63) has been carried out.

Claims searched completely:

Claims searched incompletely:

Claims not searched:

Reason for the limitation of the search:

see sheet C

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**Place of search**

The Hague

**Date of completion of the search**

6 March 2012

**Examiner**

Pussemier, Bart

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**CATEGORY OF CITED DOCUMENTS**

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
A: technological background
O: non-written disclosure
P: intermediate document
Q: member of the same patent family, corresponding document
Claim(s) completely searchable: 3-6

Claim(s) not searched: 1, 2

Reason for the limitation of the search:
The search has been restricted to the subject-matter indicated by the applicant in his letter of 20.01.2012 filed in reply to the invitation pursuant to Rule 62a(1) and/or Rule 63(1) EPC.
This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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For more details about this annex: see Official Journal of the European Patent Office, No. 12/82