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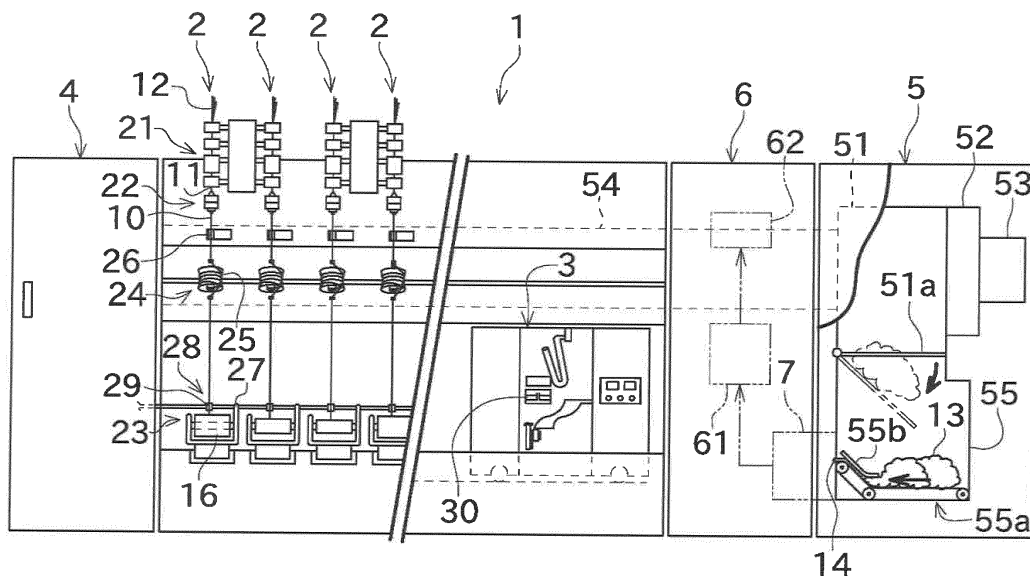
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(54) YARN WINDING MACHINE

(57) A spinning machine (1) includes a spinning unit (2), a blower box (5), and an open-end spinning unit (6). The spinning unit (2) winds a first yarn into a first package (16). The blower box (5) collects excess fibers (13) gen-

erated in the spinning unit (2). The open-end spinning unit (6) forms a second yarn using the excess fibers (13) collected by the blower box (5), and winds the second yarn into a second package.

FIG. 1





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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 22 September 2016	Examiner Kising, Axel
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 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:

☐ 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

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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: 1-9

Yarn winding machine comprising a winding unit for winding a first yarn in a first package, a collection unit for collecting second excess yarns and an open-end spinning unit for forming a second yarn and to wind the second yarn into a second package

2. claim: 10

A fiber bundle forming device for use in a yarn winding machine comprising a guiding member, a converging member, a receiving member, a drawing section and a supporting section adapted to support said members as a module.

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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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