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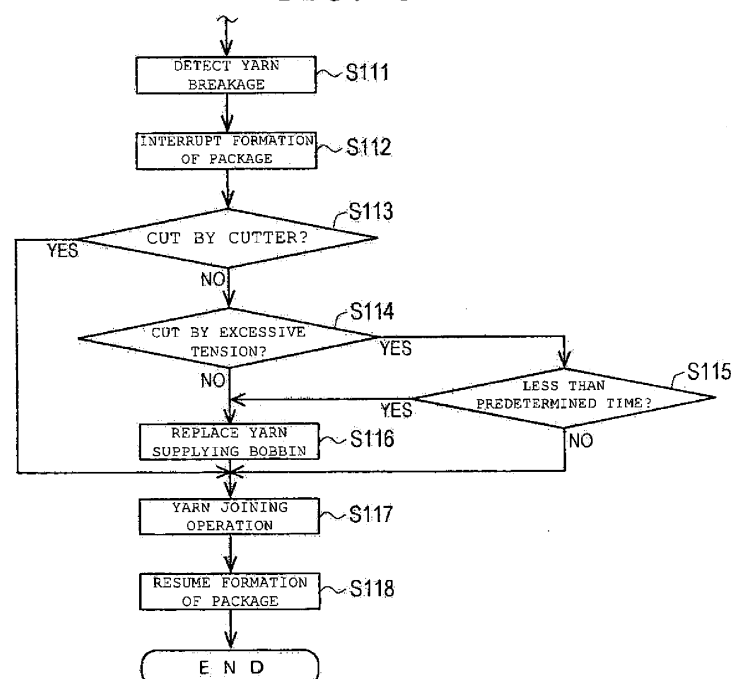
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(54) **Winding device**

(57) Provided is a winding device (100) including a control section (11) adapted to cause the yarn joining section (5) to join the spun yarn (Y) to resume the formation of the package (P); and a determination section (11d)

adapted to determine that the yarn supplying bobbin (SB) is abnormal when the yarn detecting section (6) detects the yarn breakage of the spun yarn (Y) and the tension detecting section (4) detects a value greater than or equal to a predetermined value.

FIG. 5





EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
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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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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 12 19 4098

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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