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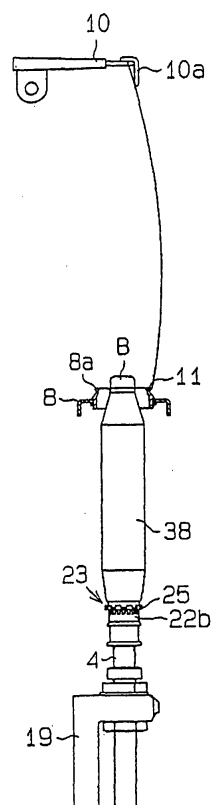
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(54) **Method of cutting yarn during doffing in spinning machine**

(57) A tail yarn cutting member (23) is provided so as to be capable of ascending and descending along a blade. A spindle is stopped, with a roll or less of yarn wound at a position not higher than the portion where the tail yarn cutting member (23) is in contact with a spindle base portion (22b). Halfway through the pulling up of cop (38) by a bobbin grasping device of a doffing device, yarn Y connected from the cop (38) to a traveler is guided to a position between the tail yarn cutting member (23) and the spindle base portion (22b). Thereafter, the tail yarn cutting member (23) is detached from the cop (38) and lowered to grasp the yarn Y between the tail cutting member (23) and the spindle base portion (22b). Next, the spindle (4) is rotated to attain a state in which an oblique winding formed on the cop extends straight from the top portion of the cop to the grasping position, and then the cop is raised by the bobbin grasping device, enabling the yarn Y to be reliably cut by a cutter portion.

**FIG. 1A**





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# EUROPEAN SEARCH REPORT

Application Number  
EP 04 00 9105

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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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
The Hague		15 September 2005	Henningsen, O
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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  .....  &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  
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
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