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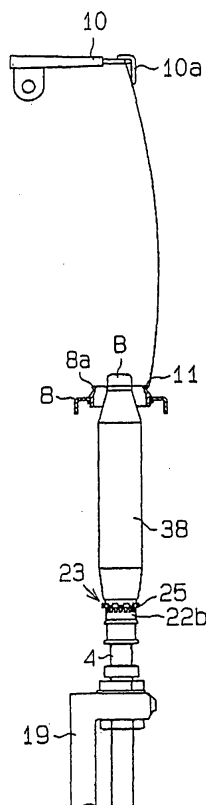
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(54) **Method of cutting yarn during doffing in spinning machine**

(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





DOCUMENTS CONSIDERED TO BE RELEVANT			
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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			TECHNICAL FIELDS SEARCHED (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
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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			

ANNEX TO THE EUROPEAN SEARCH REPORT
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