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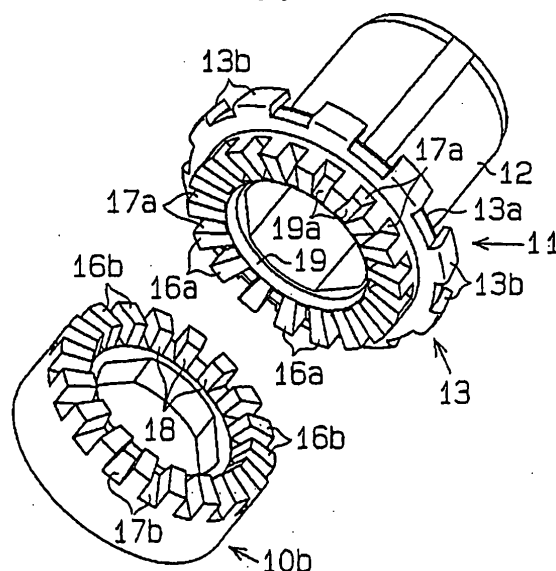
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(54) **Method of operating ring spinning machine during suspension for doffing and method of cutting yarn during doffing**

(57) Disclosed are a method of operating a ring spinning machine during suspension for doffing and a method of cutting yarn during doffing. There is provided a drafting device allowing draft ratio change independently of the driving of a spindle drive system. Prior to forming an oblique winding on cop during suspension for doffing, the draft ratio of the drafting device is changed so as to be larger than the draft ratio of the spinning conducted until then without changing the number of twists to perform the operation during suspension for doffing. By increasing the degree to which the rotating speed of a back bottom roller is reduced, the draft ratio is increased. The number of twists of the yarn forming the oblique winding remains the same while the yarn becomes thinner, so that, when doffing is performed by a doffing device, it is possible to cut the tail yarn at a tail yarn cutting portion so as to attain a short yarn end.

FIG. 2



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EUROPEAN SEARCH REPORT

Application Number
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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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			D01H
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 16 September 2005	Examiner Henningsen, O
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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