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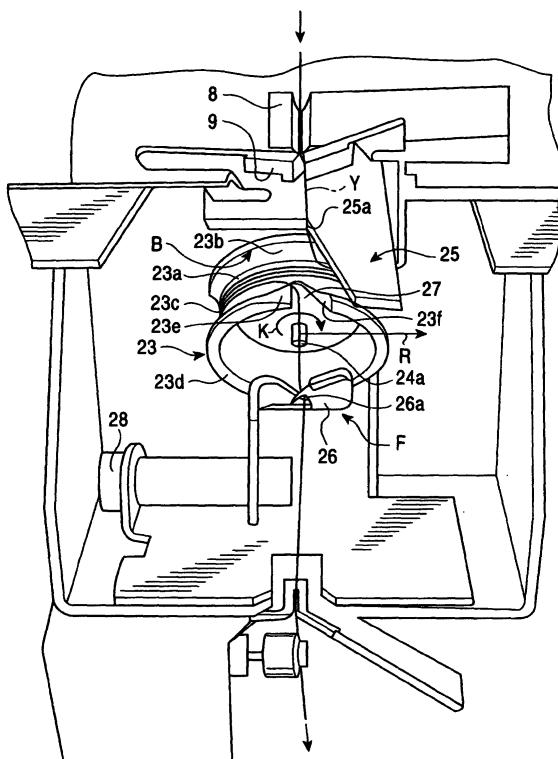
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(54) Yarn slack eliminating device for spinning machine

(57) It is an object of the present invention to provide a spinning machine that enables the elimination of slack that may occur between a spinning device that spins a yarn and a winding device that winds a yarn. A yarn slack eliminating device for a spinning machine comprises a slack eliminating roller 23 arranged so as to engage with a yarn spun by a spinning device of the spinning machine and winding a yarn Y around its outer peripheral surface 23a, driving means 24 for rotatively driving the slack eliminating roller 23, and a downstream guide 26 arranged downstream of the slack eliminating roller 23 to guide the yarn Y on a centerline of rotation A of the slack eliminating roller 23. The yarn slack eliminating device supplies the yarn to a proximal end B of the outer peripheral surface 23a of the slack eliminating roller 23 and then winds the yarn Y around the proximal end B, and unwinds the wound yarn Y from the slack eliminating roller so that the unwinding starts with a leading end D of the slack eliminating roller and moves toward the downstream guide 26. An upstream guide 25 is arranged upstream of the slack eliminating roller 23 and close to the proximal end B of the outer peripheral surface 23a of the slack eliminating roller 23 (Fig. 4).

FIG. 4





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EUROPEAN SEARCH REPORT

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B65H D01H			
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
The Hague	29 September 2004	Henningsen, O	
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone		T : theory or principle underlying the invention	
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