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(72) Inventors:
 • **Hirao, Osamu**
Uji-shi Kyoto (JP)
 • **Baba, Kenji**
Minami-ku Kyoto (JP)

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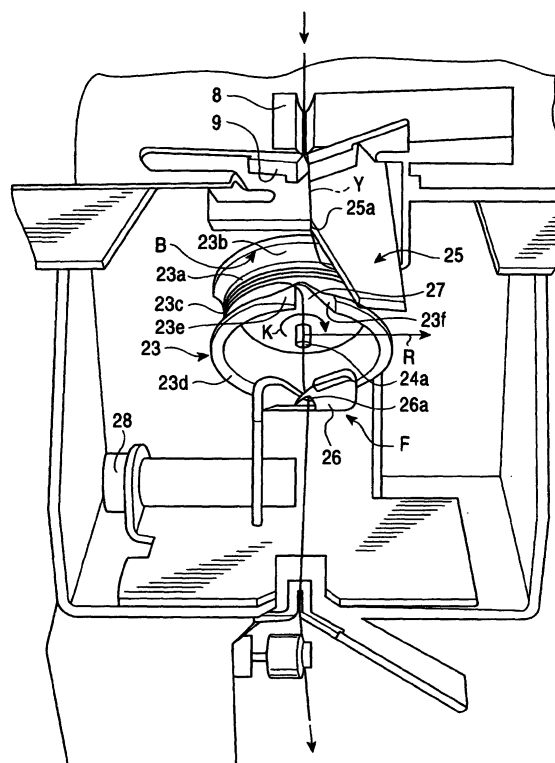
(74) Representative: **Liedl, Christine et al**
c/o Hansmann & Vogeser,
Albert-Rosshaupter-Strasse 65
81369 München (DE)

(71) Applicant: **Murata Kikai Kabushiki Kaisha**
Minami-ku, Kyoto-shi, Kyoto 601 (JP)

(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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The present search report has been drawn up for all claims			
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The Hague		29 September 2004	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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