

(19)



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(11)

EP 1 502 975 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
01.02.2006 Bulletin 2006/05

(51) Int Cl.:
D01H 13/10 (2006.01) D01H 1/18 (2006.01)

(43) Date of publication A2:
02.02.2005 Bulletin 2005/05

(21) Application number: **04017008.6**

(22) Date of filing: **19.07.2004**

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IT LI LU MC NL PL PT RO SE SI SK TR**
Designated Extension States:
AL HR LT LV MK

(30) Priority: **28.07.2003 JP 2003280597**

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(54) **Yarn twisting machine comprising a yarn tension applying device**

(57) In a yarn twisting machine that generates one twisted yarn from two raw yarns, defects such as hanging down of the yarn are generated due to a lack of tension.

In a yarn twisting machine 1 in which a supply yarn package 10 is provided at an upper side of a machine frame 2 and a gate tensor 49 is provided for applying tension to second yarn Y2 unwound from the supply yarn

package 10 at an upstream side of the yarn of a yarn twisting device 8 located at a lower side of the machine frame 2, a ball tensor 48 is provided at a yarn introducing side of the gate tensor 49, and the gate tensor 49 and the ball tensor 48 are provided at a bent part of a yarn path of the second yarn Y2.

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EUROPEAN SEARCH REPORT

Application Number
EP 04 01 7008

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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 1 December 2005	Examiner Henningsen, 0
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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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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