



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
10.05.2006 Bulletin 2006/19

(51) Int Cl.:
B65H 59/38^(2006.01) D01H 4/00^(2006.01)

(43) Date of publication A2:
09.03.2005 Bulletin 2005/10

(21) Application number: **04466024.9**

(22) Date of filing: **03.09.2004**

(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

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(30) Priority: **04.09.2003 CZ 20032390**

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(54) **A device for unwinding a linear textile material in a component yarn production on a textile spinning machine**

(57) A device for unwinding a linear textile material (9) which forms a continuous component of a component yarn (12) on a rotor spinning machine for a component yarn production further comprising a spun-out compo-

nent from singled-out fibers. For each operating unit of the rotor spinning machine the device comprises one pair of unwinding pivoted rollers. A drive unwinding cylinder (3) from a pair of rollers is coupled with an independent motor (4) with adjustable speed.

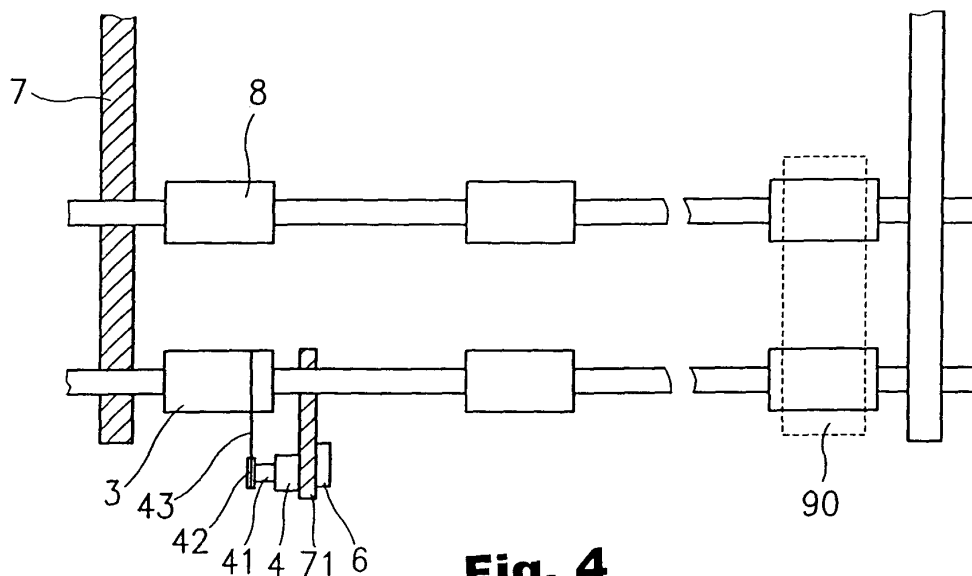


Fig. 4



DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	EP 1 338 687 A (RIETER CZ AS [CZ]) 27 August 2003 (2003-08-27) * column 7, line 6 - line 45; figures 1,2 *	1-9
Y	US 5 749 212 A (REES ET AL) 12 May 1998 (1998-05-12) * column 4, line 49 - column 6, line 63; figures 1-5 *	1-9
A	EP 0 753 613 A (SOCIETE NOUVELLE D'APPLICATIONS MECANIQUES ET OPTIQUES SNAMO SA) 15 January 1997 (1997-01-15) * column 3, line 28 - column 4, line 35; figures 1,2 *	1-9
A	EP 1 184 495 A (MURATA KIKAI KABUSHIKI KAISHA) 6 March 2002 (2002-03-06) * page 6, line 10 - page 7, line 38; figures 1-7 *	1-9
		TECHNICAL FIELDS SEARCHED (IPC)
		D02G D01H B65H
The present search report has been drawn up for all claims		
Place of search	Date of completion of the search	Examiner
The Hague	13 March 2006	Henningsen, O
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EPO FORM 1503 03.02 (P04C01)

ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

EP 04 46 6024

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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13-03-2006

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1338687	A	27-08-2003	CN	1438368 A	27-08-2003
US 5749212	A	12-05-1998	JP	9105027 A	22-04-1997
			US	5701729 A	30-12-1997
EP 0753613	A	15-01-1997	DE	69608929 D1	27-07-2000
			FR	2736658 A1	17-01-1997
EP 1184495	A	06-03-2002	CN	1342793 A	03-04-2002
			DE	60110981 D1	30-06-2005
			JP	2002069760 A	08-03-2002
			US	2002026781 A1	07-03-2002