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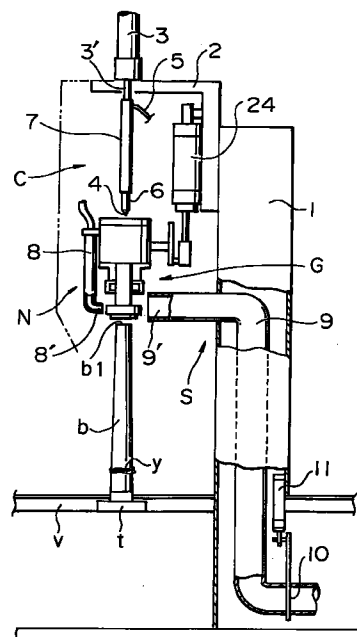
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(54) Apparatus for processing residual yarn

(57) An apparatus for processing residual yarn having a gripper member (G) in a fixed state, a bobbin gripping member (C) that grips a bobbin (b) and a movement means for moving the bobbin gripping member between an upper position which positions the bottom of the bobbin in the vicinity of the gripper member and a lower position which loads the bobbin on a tray (t), and after gripping the bobbin by the bobbin gripping member and lifting it up from the tray, strips the residual yarn on the bobbin by the gripper member before loading it on the tray.

The apparatus for processing residual yarn can be simplified and made more compact and no matter where yarn remains on the bobbin, residual yarn can be reliably removed.

FIG. 1



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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	FR 2 530 230 A (MURATA MACHINERY LTD) 20 January 1984 * page 14, line 15 - line 25 *	1	B65H73/00
A	DE 19 56 035 A (ZINSER TEXTILMASCHINEN GMBH) 13 May 1971 * page 1 *	1-3	
A	DE 41 31 667 A (SCHLAFHORST & CO W) 25 March 1993 * figure 2 *	1,4	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			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		6 June 1997	Tamme, H-M
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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