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(11) **EP 0 761 586 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
29.10.1997 Bulletin 1997/44

(51) Int. Cl.⁶: **B65H 65/00, B65H 54/70**

(43) Date of publication A2:
12.03.1997 Bulletin 1997/11

(21) Application number: **96113021.8**

(22) Date of filing: **13.08.1996**

(84) Designated Contracting States:
DE FR IT

(30) Priority: **01.09.1995 JP 224419/95**

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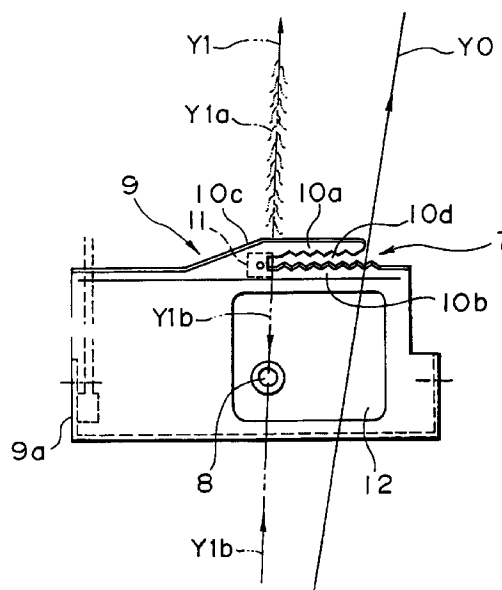
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(54) **Yarn winding device**

(57) A yarn winding device that processed yarn so it does not separate from the package or be pulled out or catch on parts during the doffing operation.

A yarn winding device (1) that winds yarns (Y10,Y1,Y1a) arranged with yarn end processing means (10a,10b) that splay the yarn end (Yt) so that the cut yarn end (Yt) does not separate from the package (P).

FIG. 3



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EUROPEAN SEARCH REPORT

Application Number
EP 96 11 3021

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	DE 40 38 162 A (BARMAG AG) * the whole document *	1,2	B65H65/00 B65H54/70
A	DE 15 35 056 A (ZINSER TEXTILMASCHINEN GMBH) -----		
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B65H
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 5 September 1997	Examiner D Hulster, E
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			

EPO FORM 1503 03.82 (P04C01)