

12

**EUROPEAN PATENT APPLICATION**

21 Application number: 83303950.6

51 Int. Cl.<sup>4</sup>: **B 65 H 23/24**

22 Date of filing: 06.07.83

30 Priority: 08.07.82 US 396268

43 Date of publication of application:  
25.01.84 Bulletin 84/4

88 Date of deferred publication of search report: 23.01.85

84 Designated Contracting States:  
AT BE CH DE FR GB IT LI NL SE

71 Applicant: **APPLETON PAPERS INC.**  
P.O. Box 359 825 East Wisconsin Avenue  
Appleton Wisconsin 54912(US)

72 Inventor: **Balster, Lester A.**  
2715 South Greenview  
Appleton Wisconsin 54911(US)

74 Representative: **Bridge-Butler, Alan James et al,**  
G.F. REDFERN & CO. High Holborn House 52/54 High  
Holborn  
London WC1V 6RL(GB)

54 A method and apparatus for winding a running web of material onto a winding roll.

57 A method and apparatus of winding a running web of material (1) onto a winding roll (3) to eliminate entrained air which becomes trapped between the layers of the web material as they are wound onto the roll wherein fluid pressure (6) is applied to the running web in the vicinity of where the running web is placed in contact with the winding roll.

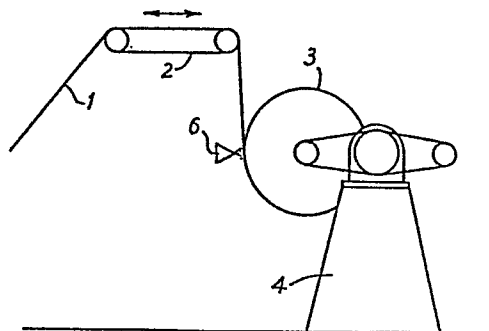


Fig.2



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. <sup>3</sup> )
X	GB-A-1 015 729 (ICI)  * Claims 1, 3 *	1, 4, 7, 8	B 65 H 23/24
A	DE-A-2 239 778 (AGFA-GEVAERT)		
A	GB-A-1 073 591 (GARDNER)		
D, A	US-A-2 678 173 (PHELPS)		
			TECHNICAL FIELDS SEARCHED (Int. Cl. <sup>3</sup> )
			B 65 H 23/00 B 65 H 17/32
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 12-10-1984	Examiner KLITSCH G
<p><b>CATEGORY OF CITED DOCUMENTS</b></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  &amp; : member of the same patent family, corresponding document</p>			