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(11) Publication number:

0 600 514 A3

(12)

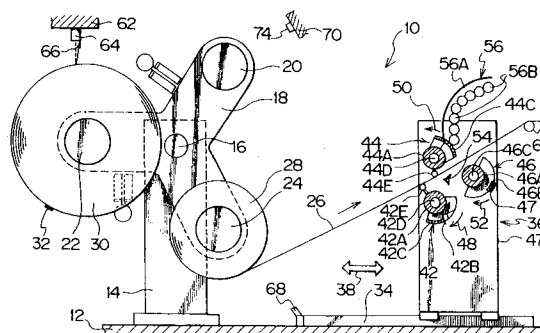
EUROPEAN PATENT APPLICATION(21) Application number: **93119550.7**(51) Int. Cl.⁶: **B65H 19/18**(22) Date of filing: **03.12.93**(30) Priority: **03.12.92 JP 324323/92**(43) Date of publication of application:
08.06.94 Bulletin 94/23(84) Designated Contracting States:
DE NL(88) Date of deferred publication of the search report:
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D-80538 München (DE)(54) **Apparatus for butt splicing webs.**

(57) An apparatus for butt splicing webs is provided, wherein the splicing accuracy can be improved and the cost can be decreased since the webs can be spliced without an accumulator and the splicing mechanism can be simplified.

When the remainder length of the old roll (28) becomes short, the splicing unit (36) is moved to be abutted to the outer peripheral surface of the new roll (30) and stopped and the new roll (30) is rotated previously at the same speed as the conveying speed of the old roll (28). Then, when the forward end portion (32) of the rotating new roll (30) is detected by the sensor (68) while splicing webs, the cutting drum (42), the cutting-splicing drum (44) and the splicing drum (46) are started to run based on the detected signals and are rotated at the same speed as the conveying speed of the web, and then the forward end portion (32) is stuck and drawn out by the suction pad (42C) of the cutting drum (42), and the webs are cut and spliced in the state that the tail end of the old roll (28) and the forward end of the new roll (30) are held by the respective drums

(42), (44) and (46). And, when the splicing of the webs is completed, the splicing unit (36) is retracted from the outer peripheral surface of the new roll (30) and returns to the former position. Therefore, the webs can be spliced without decreasing the rewinding speed of the old roll (28) and the splicing mechanism can be simplified.

FIG. 1

**EP 0 600 514 A3**



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EUROPEAN SEARCH REPORT

Application Number
EP 93 11 9550

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.5)
X	EP-A-0 060 450 (WINDMÖLLER & HÖLSCHER) * the whole document * ---	1,4	B65H19/18
Y,D	PATENT ABSTRACTS OF JAPAN vol. 010 no. 307 (M-527), 18 October 1986 & JP-A-61 119555 (FUJI PHOTO FILM CO LTD) 6 June 1986, * abstract * ---	1	
A	---	2,3	
Y	DD-A-284 206 (VEB KOMBINAT POLYGRAPH "WERNER LAMBERZ" LEIPZIG) * the whole document * ---	1	
A	DE-A-20 08 231 (FUJI PHOTO FILM CO. LTD) * the whole document * ---	1-3	
A	FR-A-2 313 296 (AGFA-GEVAERT N.V.) * page 9, line 2 - line 5; figure 1 * ---	1,2,5	
A	GB-A-1 158 553 (ROTOMEC S.P.A.) * page 4, line 87 - line 110; figures 4,5 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			B65H
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 27 July 1995	Examiner Deprun, M
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