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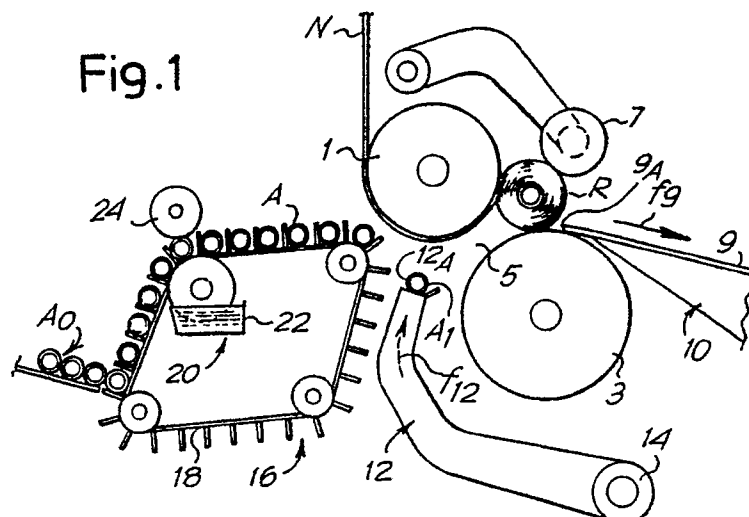
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Apparatus for the formation of rolls of web material on a winding core.

An apparatus for winding webs of paper or similar material on a core (A) including a first rotary winding roller (1), along which a web material (N) is driven. A second rotary winding roller (3), forms a nip (5) with said first winding roller (1) to receive a core (A1). A pusher (12) inserts a core (A1) into the nip (5). A movable roller (7) controls the diameter of the roll (R) or log in the course of formation between

said three rollers (1, 3, 7). Only the second roller (3) is arranged to have a variable speed and to slow down during the insertion of a core (A1) into said nip (5). An adhesive applicator (20) is provided to wet the cores (A) with glue before being inserted into said nip (5), and a take-off surface (9) near said second winding roller (3) extends away from the exit of said nip (5).

Fig.1





DOCUMENTS CONSIDERED TO BE RELEVANT			EP 90830237.5
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	<u>DE - A - 2 335 930</u> (PERINI)	1, 2, 10	B 65 H 18/20 B 65 H 19/28 B 65 H 19/30
A	* Fig. 1-7 * --	3-9, 11	
A	<u>AT - B - 380 457</u> (LUCCHESE SPA) * Fig. 1 * --	1, 2, 10	
A	<u>GB - A - 2 105 688</u> (LUCCHESE SPA) * Totality * --	1, 2, 10	
A	<u>DE - A1 - 3 404 225</u> (PAPER CONY.M.CO) * Totality * --	1, 2, 10	
D, A	<u>US - A - 4 327 877</u> (PERINI) * Totality * ----	1, 2, 10	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B 65 H 18/00 B 65 H 19/00
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 24-04-1991	Examiner MELZER
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			