

Title (en)  
Web winding system

Title (de)  
Bahnwickelsystem

Title (fr)  
Système à enrouler une bande

Publication  
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Application  
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Abstract (en)  
[origin: WO9314013A2] A web winding system (10) for winding adhesive backed web (12) on cores (14) mounted on wind-up spindles (28, 30). The web (12) is supported on a rotating suction drum (24). A knife (32) mounted on a rotating wheel (34) cuts the web (12) against the supporting drum (24). A tab bar (68) is mounted on the wheel (34) adjacent to the knife (32), and applies a tab (60) to the web (12) in registration with the cut. In a second position of the wheel (34) a tab source (70) moves toward the tab bar (68) and applies a tab (60) to its surface (68). The knife (32) is heated by a heater (35) to a temperature above adhesive softening and below adhesive carbonizing to prevent adhesive to stick to or to accumulate on the knife (32). The web (12) is lead to the supporting drum (24) around a stationary gapping roller (18) and a retractable gapping roller (22), mounted on an arm (42) which is pivotable around roller (10). When the knife (32) has cut the web (12) the arm (42) pivots clockwise, and lengthens the distance between retractable roller (22) and supporting drum (24), thus forcing the web to slide on the drum (24), and to form a gap between the leading cut end (36') and the trailing cut end (36) of the web. The gap allows for flying transfer of the web between the cores (14) on the two wind-up spindles (28, 30).

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