

Title (en)
PRESSURE ROLLER SYSTEM FOR A WINDING MACHINE

Title (de)
DRUCKROLLENSYSTEM FÜR EINE WICKELMASCHINE

Title (fr)
SYSTEME DE ROULEAUX PRESSEURS POUR BOBINEUSE

Publication
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Application
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Abstract (en)
[origin: US5853139A] PCT No. PCT/EP97/01379 Sec. 371 Date Nov. 24, 1997 Sec. 102(e) Date Nov. 24, 1997 PCT Filed Mar. 19, 1997 PCT Pub. No. WO97/39971 PCT Pub. Date Oct. 30, 1997A winding machine for producing rolls (3) having a pressure roller system which includes a horizontal, vertically movable cross-head (8) to which a series of freely rotatable and individually movable roll segments (9) are secured side-by-side and with bolts parallel to the cross-head (8). In addition, there are piston/cylinder units (10) for adjusting the pressure exerted by the roll segments (9) on the rolls (3). Into the bearing of each roll segment (9) on the cross-head (8) is integrated a component which either increases the bearing pressure as the distance between the roll segment (9) and the cross-head decreases or decreases the bearing pressure as the distance between the roll segment (9) and the cross-head increases. Thus the most uniform possible pressure on all rolls (3) is ensured and negative effects owing to excessive differences in diameter between the rolls (3) are prevented.

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