Title (en)

WINDING DEVICE FOR PRINTED PRODUCTS ARRIVING IN A SHINGLED FORMATION

Publication

EP 0141394 B1 19870513 (DE)

Application

EP 84113007 A 19841029

Priority

CH 598483 A 19831107

Abstract (en)

[origin: US4589606A] The printed products to be wound up are delivered by one belt conveyor of a conveying arrangement. The latter comprises two belt conveyors which conjointly form a conveying channel with a defined inlet and outlet. Conveyor belts of both of these two belt conveyors are guided such that the conveying channel has a curved path directed toward a rotatable winding mandrel. The conveying arrangement is pivotable about an axis of rotation of a drive drum of the innermost conveyor belt of the two conveyor belts and is pressed against the winding mandrel, respectively against the product coil or wound package forming on the winding mandrel, by a winding strap capable of being placed under tension and which is withdrawn from a winding strap supply roll and runs through a portion of the conveying channel and is connected with the winding mandrel. A separate contact or pressing mechanism can be forgone. The design of the conveying arrangement permits a compact construction and free choice of the delivery location of the printed products to the winding mandrel.

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B65H 39/14

IPC 8 full level

B65H 29/00 (2006.01); **B65H 29/51** (2006.01); **B65H 29/66** (2006.01); **B65H 39/14** (2006.01)

CPC (source: EP US)

B65H 29/006 (2013.01 - EP US); B65H 2301/41922 (2013.01 - EP US); B65H 2701/1932 (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0141394 A2 19850515; **EP 0141394 A3 19860205**; **EP 0141394 B1 19870513**; AT E27130 T1 19870515; AU 3493184 A 19850516; AU 570082 B2 19880303; CA 1221118 A 19870428; DE 3463638 D1 19870619; FI 75791 B 19880429; FI 75791 C 19880808; FI 844353 A0 19841106; FI 844353 L 19850508; JP H0699068 B2 19941207; JP S60118568 A 19850626; SU 1369671 A3 19880123; US 4589606 A 19860520; ZA 848441 B 19850626

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