

Title (en)
METHOD AND DEVICE FOR THE MULTILAYERED COILING OF FLEXIBLE PRODUCTS, ESPECIALLY PRINTED PRODUCTS, IN A SHINGLED FORMATION

Publication
EP 0147528 B1 19861126 (DE)

Application
EP 84110101 A 19840824

Priority
CH 506783 A 19830919

Abstract (en)
[origin: CA1225107A] INVENTOR: WERNER HONEGGER INVENTION: METHOD AND APPARATUS FOR FORMING MULTI-LAYER COILS FROM SUBSTANTIALLY FLAT, FLEXIBLE PRODUCTS, ESPECIALLY PRINTED PRODUCTS, ARRIVING IN IMBRICATED PRODUCT FORMATION Before winding-up the printed products arriving in imbricated product formation, the thickness of the imbricated product formation travelling toward a winding mandrel, respectively toward a product coil or package forming thereupon, is regulated to a prescribed value. This is effected by spreading or compacting the printed products within the imbricated product formation. For this purpose a first conveyor device is driven at higher or lower speed than a second preceding conveyor device. The imbricated product \\\ formation of prescribed thickness is wound-up upon the winding mandrel together with a winding strap maintained under tension which always lies upon the outer side of the coil layer being formed. By regulating the thickness of the imbricated product formation to be wound-up so as to have a prescribed value which remains essentially constant throughout the winding-up procedure, it is possible to form product coils of essentially constant diameter with a prescribed constant length of winding strap independently of the thickness of the arriving printed products.

IPC 1-7
B65H 29/66

IPC 8 full level
B65H 29/51 (2006.01); **B65H 29/00** (2006.01); **B65H 29/66** (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)

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US4993550A; EP0474999A1; EP0230677A1; CH670245A5; AU599069B2

Designated contracting state (EPC)
AT CH DE FR GB IT LI SE

DOCDB simple family (publication)
EP 0147528 A1 19850710; EP 0147528 B1 19861126; AT E23842 T1 19861215; CA 1225107 A 19870804; CH 657833 A5 19860930; DE 3461451 D1 19870115; DE 8460086 U1 19860703; FI 75322 B 19880229; FI 75322 C 19880609; FI 843648 A0 19840918; FI 843648 L 19850320; JP H0217459 B2 19900420; JP S6087159 A 19850516; US 4793566 A 19881227; US 4923136 A 19900508

DOCDB simple family (application)
EP 84110101 A 19840824; AT 84110101 T 19840824; CA 463455 A 19840918; CH 506783 A 19830919; DE 3461451 T 19840824; DE 8460086 U 19840905; FI 843648 A 19840918; JP 19071184 A 19840913; US 26478988 A 19881031; US 92225786 A 19861023