

Title (en)

METHOD AND DEVICE FOR HANDLING FLAT PRODUCTS, IN PARTICULAR PRINTED PRODUCTS

Publication

EP 0243838 B1 19890726 (DE)

Application

EP 87105783 A 19870418

Priority

CH 178986 A 19860430

Abstract (en)

[origin: US4775111A] For winding-up printed products delivered in imbricated formation a winding core or mandrel or, as the case may be, the wound product package being formed thereupon is driven at its outer surface or circumference by a first drive arrangement. This first drive arrangement comprises a drive roll which engages at a winding band or strap which is wound upon the winding core or, as the case may be, the formed wound product package. By means of a second or further drive arrangement the winding band spool or reel which supplies the winding band or strap is likewise driven at its outer surface or circumference. The circumferential velocity of the winding band spool is maintained somewhat smaller than the circumferential velocity of the wound product package in order to apply tension to the winding band or strap. Both of the drive arrangements are driven by a common drive motor without the need for incorporating slip clutches, winding transmissions or gearing units and the like.

IPC 1-7

B65H 29/00

IPC 8 full level

B65H 18/00 (2006.01); **B65H 5/28** (2006.01); **B65H 29/00** (2006.01); **B65H 29/51** (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

US6719235B2; WO0156910A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0243838 A1 19871104; **EP 0243838 B1 19890726**; AT E44939 T1 19890815; CA 1296990 C 19920310; DE 3760359 D1 19890831; JP 2657805 B2 19970930; JP S62259956 A 19871112; US 4775111 A 19881004

DOCDB simple family (application)

EP 87105783 A 19870418; AT 87105783 T 19870418; CA 535657 A 19870427; DE 3760359 T 19870418; JP 9962887 A 19870422; US 4224087 A 19870424