

Title (en)

DEVICE FOR WINDING OR UNWINDING SHINGLED PRINTED PRODUCTS ARRIVING OR REMOVED BY A CONVEYOR

Publication

EP 0298267 B1 19910410 (DE)

Application

EP 88109223 A 19880609

Priority

CH 252487 A 19870702

Abstract (en)

[origin: EP0298267A1] Fastened on a winding core (22) is the one end of a winding band (30) which runs from a supply reel (29) over a deflection roller (19) which rotates at a circumferential speed corresponding to the conveying speed of the conveyor (10). The winding core (22) is driven during the winding of the package (23) and braked during the unwinding of the package (23), while at the same time the supply reel (29) is braked or driven. In order to simplify the drive design and at the same time ensure satisfactory operation of the apparatus both during winding and unwinding, the winding core (22) is coupled with an electric variable-speed motor (25) and the core of the supply reel (29) with a rotating, electric machine (34), the setpoint value and the actual value for the speed of rotation of the variable-speed motor (25) being picked up from the conveyor (10) and from the deflection roller (19), respectively, in the two directions of rotation, whereas the machine which is coupled with the core of the supply reel (29) is operated with brake slip in the one direction of rotation and with drive slip in the other. <IMAGE>

IPC 1-7

B65H 5/28; **B65H 29/00**; **B65H 39/14**

IPC 8 full level

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

CPC (source: EP US)

B65H 5/28 (2013.01 - EP US); **B65H 29/006** (2013.01 - EP US); **B65H 2301/41922** (2013.01 - EP US); **B65H 2701/1932** (2013.01 - EP US)

Citation (examination)

EP 0281790 A1 19880914 - FERAG AG [CH]

Cited by

EP1980513A3; EP0579940A1; EP1155991A1; EP0477498A1; US6533207B2; WO9629271A1

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BE

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DOCDB simple family (application)

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