Title (en)

DEVICE FOR WINDING OR UNWINDING A CONTINUOUS STREAM OF FLAT FLEXIBLE PRODUCTS

Publication

EP 0242608 B1 19881221 (DE)

Application

EP 87104217 A 19870321

Priority

CH 147586 A 19860414

Abstract (en)

[origin: US4705227A] A substantially ring-shaped or annular winding core serving for the reception of a package of products wound thereupon is frictionally mountable at its substantially cylindrical inner surface upon drivable support wheels and can be again lifted-off such drivable support wheels. At the inner surface of the mounted winding core there can be placed into operative position beneath the support wheels an essentially freely rotatable guide wheel. This freely rotatable guide wheel prevents lift-off of the winding core from the support wheels and can increase the friction which prevails therebetween. In order to be able to use winding cores having a purely cylindrical smooth inner surface and during the rotation thereof to nonetheless ensure for an exact positioning in axial direction, the guide wheel is deflectable in its operative position about a deflection axis which is radially directed with respect to the mounted winding core, which imparts to the rotating winding core an axial movement component, and an impact or stop arrangement is provided for limiting such axial movement.

IPC 1-7

B65H 39/14; B65H 29/00

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CPC (source: EP US)

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Cited by

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DOCDB simple family (publication)

EP 0242608 A1 19871028; **EP 0242608 B1 19881221**; AT E39342 T1 19890115; CA 1290305 C 19911008; DE 3760025 D1 19890126; JP 2525596 B2 19960821; JP S62244848 A 19871026; SU 1524804 A3 19891123; US 4705227 A 19871110

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