

Title (en)

DEVICE FOR WINDING OR UNWINDING CONTINUALLY FED PREFERABLY OVERLAPPING PRINTED ARTICLES

Publication

EP 0161569 B1 19891018 (DE)

Application

EP 85105175 A 19850427

Priority

CH 226784 A 19840509

Abstract (en)

[origin: US4601436A] The winding station comprises two support wheels rotatably journaled in a frame and which are constructed as friction wheels of a friction wheel drive arrangement. These support wheels are driven by a drive motor through a winding transmission in a common sense of rotation. These support wheels are in inner contact with an annular friction wheel which performs the function of a winding core. This friction wheel comprises a cylindrical rim whose exposed inner surface is constructed as a traction surface by means of which the winding core rests upon the support wheels. Side flanges protrude from the cylindrical rim to laterally delimit the traction surface and serve for lateral guiding. A guide wheel which can be advanced into engagement with the traction surface of the winding core and retracted therefrom is arranged beneath the support wheels. The coupling of the winding core to the winding station and the decoupling of the winding core from the unwinding station is performed in simple manner by depositing the winding core upon the support wheels, respectively by lifting the winding core off the support wheels. The winding core is simple in construction and economical in fabrication.

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B65H 29/00

IPC 8 full level

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CPC (source: EP US)

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Cited by

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US 4601436 A 19860722; AT E47368 T1 19891115; AU 4208985 A 19851114; AU 562691 B2 19870618; CA 1275082 A 19901009; CA 1284143 C 19910514; DE 3573761 D1 19891123; EP 0161569 A2 19851121; EP 0161569 A3 19870616; EP 0161569 B1 19891018; ES 542910 A0 19860416; ES 8606180 A1 19860416; FI 78049 B 19890228; FI 78049 C 19890612; FI 851812 A0 19850508; FI 851812 L 19851110; JP H0233617 B2 19900730; JP S60262760 A 19851226; NO 157253 B 19871109; NO 157253 C 19880217; NO 851824 L 19851111; SU 1526576 A3 19891130; SU 1533622 A3 19891230; US 4682741 A 19870728; ZA 853421 B 19851224

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US 72821985 A 19850429; AT 85105175 T 19850427; AU 4208985 A 19850508; CA 480806 A 19850506; CA 578541 A 19880927; DE 3573761 T 19850427; EP 85105175 A 19850427; ES 542910 A 19850508; FI 851812 A 19850508; JP 9886185 A 19850509; NO 851824 A 19850508; SU 3886310 A 19850507; SU 4027920 A 19860806; US 85272186 A 19860414; ZA 853421 A 19850507