

Title (en)

Method and device for winding a longitudinally cut webmaterial

Title (de)

Verfahren zum Aufwickeln einer längsgeschnittenen Materialbahn und Vorrichtung zum Durchführen des Verfahrens

Title (fr)

Méthode et dispositif pour enrouler de matériau en forme de bande coupée en long

Publication

EP 0829439 B1 20020417 (DE)

Application

EP 97115595 A 19970909

Priority

DE 19636894 A 19960911

Abstract (en)

[origin: EP0829439A1] Separate rolls (21,22) are formed from a main strip (20) of overall width (B). They rest on coiling beds formed by supporting drums (15-17) which are individually driven. At least during initial coiling the coils are pressed by drums (1,2) against the supporting ones. A coil is selected midway across the main strip and the pressure drum is driven independently of the supporting ones. The torque exerted by the pressure drum on the coil forms an adjustable proportion of the total torque exerted on the roll. There can be several coils midway across the main strip, each with an individually-driven pressure drum, or such a drum can be provided for each of the coils. Torque from the pressure roller can typically be reduced as the coil height increases.

IPC 1-7

B65H 19/22; **B65H 18/20**; **B65H 18/26**

IPC 8 full level

B65H 18/20 (2006.01); **B65H 18/26** (2006.01); **B65H 19/22** (2006.01)

CPC (source: EP US)

B65H 18/20 (2013.01 - EP US); **B65H 18/26** (2013.01 - EP US); **B65H 19/2284** (2013.01 - EP US); **B65H 2301/4148** (2013.01 - EP US); **B65H 2301/414866** (2013.01 - EP US); **B65H 2404/434** (2013.01 - EP US)

Cited by

EP0999159A3; EP1094021A1; EP1083139A3; US6527218B1

Designated contracting state (EPC)

DE FI FR GB

DOCDB simple family (publication)

DE 19636894 A1 19980312; DE 59707021 D1 20020523; EP 0829439 A1 19980318; EP 0829439 B1 20020417; US 6149098 A 20001121

DOCDB simple family (application)

DE 19636894 A 19960911; DE 59707021 T 19970909; EP 97115595 A 19970909; US 92703997 A 19970910