

Title (en)

Winder with supporting drum for a paper-making machine

Title (de)

Tragtrommelroller für eine Papiermaschine

Title (fr)

Enrouleur avec tambour de support pour une machine de fabrication de papier

Publication

EP 0664267 B1 19980902 (DE)

Application

EP 94119806 A 19941215

Priority

DE 4401959 A 19940124

Abstract (en)

[origin: US5690298A] A Pope reel for winding a running paper web into a paper roll on a paper machine. The web is wound on a webwide king roll, which web wraps around the king roll on part of its circumference. A magazine holds a number of winding drums, each of which serves as a winding core. A pair of swivel levers pick up an individual winding drum and transfer it into its winding start position on the king roll. The winding drum with the paper roll being wound migrates along a guideway, and moves away from the king roll up to a delivery position for the finished paper roll. A second king roll is provided, which king roll is powered and is forceable down on the paper roll.

IPC 1-7

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

IPC 8 full level

B65H 23/195 (2006.01); **B65H 18/20** (2006.01); **B65H 18/26** (2006.01); **B65H 19/22** (2006.01)

CPC (source: EP KR US)

B65H 18/16 (2013.01 - KR); **B65H 19/2261** (2013.01 - EP US); **D21G 9/00** (2013.01 - KR); **B65H 2301/543** (2013.01 - EP US); **B65H 2408/236** (2013.01 - EP US); **B65H 2408/2364** (2013.01 - EP US); **B65H 2515/12** (2013.01 - EP US)

Cited by

EP1055624A3; US5779183A; EP1038817A3; US6390408B1; US6749146B1; WO9534495A1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

US 5690298 A 19971125; AT E170494 T1 19980915; CA 2141006 A1 19950725; DE 4401959 A1 19940721; DE 4401959 C2 19960725; DE 59406830 D1 19981008; EP 0664267 A2 19950726; EP 0664267 A3 19960904; EP 0664267 B1 19980902; FI 115519 B 20050531; FI 950274 A0 19950123; FI 950274 A 19950725; JP H07215555 A 19950815; KR 950032892 A 19951222

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US 59438296 A 19960130; AT 94119806 T 19941215; CA 2141006 A 19950124; DE 4401959 A 19940124; DE 59406830 T 19941215; EP 94119806 A 19941215; FI 950274 A 19950123; JP 905895 A 19950124; KR 19950001149 A 19950124