

Title (en)

APPARATUS FOR SEPARATING PERFORATED TUBULAR WEBS OF PAPER

Publication

**EP 0096223 B1 19851204 (DE)**

Application

**EP 83104468 A 19830506**

Priority

DE 3220892 A 19820603

Abstract (en)

[origin: ES8403058A1] An apparatus for separating perforated paper tube sections coming from a paper tube machine consists of a plurality of endless conveyor belts which are disposed above and below the moving paper tube sections. Each conveyor is associated with a plurality of rollers, the rollers above the paper tube section being displaced in relation to those below the paper tube sections. The driving elements for the conveyor belts are located at fixed positions, and to effect separation of the perforated tube sections, the rollers are moved relative to one another for a brief time interval in a direction transverse to the direction of transport of the paper tube sections.

IPC 1-7

**B65H 35/10**; **B31B 23/74**

IPC 8 full level

**B26F 3/02** (2006.01); **B31B 19/16** (2006.01); **B31B 23/74** (2006.01); **B65H 35/10** (2006.01)

CPC (source: EP US)

**B65H 35/10** (2013.01 - EP US); **B31B 70/16** (2017.07 - EP US); **Y10T 156/12** (2015.01 - EP US); **Y10T 225/35** (2015.04 - EP US)

Cited by

EP0602344A1; EP0516991A1; DE10344157B4; DE10344157A1; DE4113792A1; DE4113792C2; DE4401268A1; DE4401268C2; DE3817928A1; FR2626563A1; US4984728A

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DE FR GB IT SE

DOCDB simple family (publication)

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**EP 83104468 A 19830506**; CA 429509 A 19830602; DE 3220892 A 19820603; DE 3361398 T 19830506; ES 522900 A 19830601; JP 9703183 A 19830602; US 50067383 A 19830603