

Title (en)  
SEPARATOR, IN PARTICULAR FOR PAPER OR CARDBOARD WEBS

Title (de)  
TRENNVORRICHTUNG, INSBESONDERE FÜR PAPIER- ODER KARTONBAHNEN

Title (fr)  
DISPOSITIF SEPARATEUR NOTAMMENT POUR NAPPE DE PAPIER OU DE CARTON

Publication  
**EP 0773900 B1 20000510 (FR)**

Application  
**EP 96922080 A 19960607**

Priority  
• FR 9600867 W 19960607  
• FR 9506708 A 19950607

Abstract (en)  
[origin: FR2735117A1] A device is disclosed for separating strips, in particular paper or cardboard strips obtained after a web (1) is slitted. The device has two curved separating cylinders (9, 9'), i.e. one top upstream cylinder (9) and one bottom downstream cylinder (9'). The web (1) is supported on the top of the upstream cylinder (9) and on the bottom of the downstream cylinder (9'). The device is characterised in that both upstream (9) and downstream (9') separating cylinders have the same diameter and in that their longitudinal axes (VV', WW') are located in substantially vertical, parallel planes (P, P') normal to the respective surfaces of the incoming web (1) and outgoing web (1'). The concavity of both separating cylinders (9, 9') faces upwards and the curvature of both cylinders is such that all perpendicular lines extending from any point (A1, A2, ...An) on the longitudinal axis (VV', WW') of one cylinder onto the longitudinal axis (WW', VV') of the other cylinder, have the same length.

IPC 1-7  
**B65H 23/025**; **B65H 23/26**; **B65H 35/02**

IPC 8 full level  
**B65H 23/025** (2006.01); **B65H 23/26** (2006.01); **B65H 35/02** (2006.01)

CPC (source: EP)  
**B65H 23/0258** (2013.01); **B65H 23/26** (2013.01); **B65H 35/02** (2013.01); **B65H 2301/4148** (2013.01)

Cited by  
CN113184598A

Designated contracting state (EPC)  
CH DE GB IT LI NL SE

DOCDB simple family (publication)  
**FR 2735117 A1 19961213**; **FR 2735117 B1 19970725**; DE 69608209 D1 20000615; EP 0773900 A1 19970521; EP 0773900 B1 20000510; WO 9640580 A1 19961219

DOCDB simple family (application)  
**FR 9506708 A 19950607**; DE 69608209 T 19960607; EP 96922080 A 19960607; FR 9600867 W 19960607