

Title (en)

Device and method for the dynamic guidance of flat articles

Title (de)

Vorrichtung und Verfahren zum dynamischen Führen von flachen Produkten

Title (fr)

Dispositif et méthode pour le guidage dynamique d'objets plats

Publication

**EP 0827931 B1 20021120 (DE)**

Application

**EP 97112616 A 19970723**

Priority

US 70751696 A 19960904

Abstract (en)

[origin: US6170371B1] The present invention generally relates to transporting signatures within a folding apparatus. Exemplary embodiments include at least one pair of cooperating cutting cylinders, each having at least one of a knife and an anvil. A conveying plane extends in substantially vertical direction. A right and a left conveyor assembly are assigned to the conveying plane. The cooperating cutting cylinders are integrated into the paths of conveying elements of the left and right conveyor assemblies, seizing a web of material prior to a cutting operation.

IPC 1-7

**B65H 35/00**; **B65H 29/12**

IPC 8 full level

**B65H 45/28** (2006.01); **B65H 29/12** (2006.01); **B65H 35/08** (2006.01)

CPC (source: EP US)

**B65H 29/12** (2013.01 - EP US); **B65H 35/08** (2013.01 - EP US); **B65H 2701/1932** (2013.01 - EP US); **Y10T 83/2192** (2015.04 - EP US); **Y10T 83/2194** (2015.04 - EP US); **Y10T 83/6592** (2015.04 - EP US); **Y10T 83/6633** (2015.04 - EP US)

Cited by

EP0896943A3

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

**US 6170371 B1 20010109**; DE 19731364 A1 19980305; DE 59708760 D1 20030102; EP 0827931 A2 19980311; EP 0827931 A3 19990107; EP 0827931 B1 20021120; JP H1087162 A 19980407; US 5865082 A 19990202

DOCDB simple family (application)

**US 15322598 A 19980915**; DE 19731364 A 19970722; DE 59708760 T 19970723; EP 97112616 A 19970723; JP 23851997 A 19970903; US 70751696 A 19960904