

Title (en)

Method and device for the production of package blanks.

Title (de)

Verfahren und Vorrichtung zum Herstellen von Zuschnitten für Verpackungen.

Title (fr)

Procédé et dispositif de fabrication de flans d'emballages.

Publication

EP 0187323 A1 19860716 (DE)

Application

EP 85116139 A 19851218

Priority

DE 3500547 A 19850110

Abstract (en)

[origin: US4715847A] Blanks (10) for producing folding boxes, etc., are severed from an advancing sheet (11), conveyed continuously, at a constant speed by first drawing rollers specifically by partial severing cuts (cutting lines 33, 34) supplementing one another and made in successive work cycles. The blanks (10) are severed from the sheet (11), with the exception of residual connections (35), and are separated completely from the sheet (11) by tearing as a result of a higher speed of additional drawing roller located downstream of the first rollers.

Abstract (de)

Zuschnitte (10) für die Herstellung von Faltschachteln etc. werden von einer fortlaufenden, kontinuierlich geförderten Bahn (11) abgetrennt, und zwar durch in aufeinanderfolgenden Arbeitstakten ausgeführte, einander ergänzende Teil-Trennschnitte (Schneidlinien 33, 34). Die Zuschnitte (10) werden bis auf Restbervindungen (35) von der Bahn (11) abgetrennt und durch Reißen infolge höherer Geschwindigkeit vollständig von der Bahn (11) abgesondert.

IPC 1-7

B31B 1/16; B65H 35/08

IPC 8 full level

B31B 1/16 (2006.01); **B31B 1/20** (2006.01); **B31B 1/74** (2006.01); **B31B 3/00** (2006.01); **B31B 50/16** (2017.01); **B31B 50/20** (2017.01); **B65H 35/08** (2006.01)

CPC (source: EP US)

B26D 7/18 (2013.01 - EP US); **B26F 1/384** (2013.01 - EP US); **B31B 50/16** (2017.07 - EP US); **B31F 1/10** (2013.01 - EP US); **B26D 2007/1881** (2013.01 - EP US); **B31B 50/146** (2017.07 - EP US); **B31B 50/22** (2017.07 - EP US); **B31B 50/256** (2017.07 - EP US); **Y10T 83/0572** (2015.04 - EP US); **Y10T 83/207** (2015.04 - EP US); **Y10T 83/4705** (2015.04 - EP US); **Y10T 83/4804** (2015.04 - EP US)

Citation (search report)

- AT 102844 B 19260325 - LERNER FRIEDRICH ING
- AT 214252 B 19610327 - HAWLEY PRODUCTS CO [US]
- EP 0116745 A2 19840829 - UARCO INC [US]
- FR 2444634 A1 19800718 - GD SPA [IT]

Cited by

EP0591101A1; DE3916756A1; EP0590217A1; FR3093465A1; DE4401268A1; DE4401268C2; DE19530025A1; EP0291692A3; US5316811A; US5322235A; EP2957509A1; EP2957510A1; RU2692836C2; US11008133B2; US10815024B2; EP2755892B1; WO2015193354A1; WO2015193356A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0187323 A1 19860716; **EP 0187323 B1 19880608**; BR 8600079 A 19860923; CA 1259841 A 19890926; DE 3500547 A1 19860710; DE 3563179 D1 19880714; JP 2506329 B2 19960612; JP S61163839 A 19860724; US 4715847 A 19871229

DOCDB simple family (application)

EP 85116139 A 19851218; BR 8600079 A 19860109; CA 498486 A 19851223; DE 3500547 A 19850110; DE 3563179 T 19851218; JP 284686 A 19860109; US 81601886 A 19860103