

Title (en)

Method and apparatus for collating automatically produced packages or other production units.

Title (de)

Vorrichtung und Verfahren zum automatischen Sammeln hergestellter Verpackungen oder anderer Herstellungseinheiten.

Title (fr)

Dispositif et procédé pour rassembler automatiquement des emballages fabriqués ou autres unités de production.

Publication

EP 0422949 A2 19910417 (EN)

Application

EP 90311184 A 19901012

Priority

US 42125789 A 19891013

Abstract (en)

A collator and collating method employs a continuous or intermittently driven thin web member (3) for collating a plurality of articles (1) supplied from an automatic production machine or the like. The web is preferably coated on one side with an adhesive which removably adheres to the articles being collated, permitting the articles to be secured in any desired collated pattern during handling and shipping while allowing easy removal after shipment. The web may be cut into desired lengths with the collated articles adhered thereto for stacking one on top of another during shipment or storage. In alternate embodiments, openings or pockets are formed in the web, which may or may not also be adhesively coated, for locating the collated articles in desired patterns.

IPC 1-7

B65B 15/04

IPC 8 full level

B65B 15/04 (2006.01); **B65B 35/30** (2006.01)

CPC (source: EP)

B65B 15/04 (2013.01)

Cited by

CN112643772A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0422949 A2 19910417; EP 0422949 A3 19910731; AU 6317390 A 19910418; BR 9005138 A 19930309; CA 2026181 A1 19910414; CN 1018442 B 19920930; CN 1052085 A 19910612; CN 2072944 U 19910313; CS 490190 A3 19920318; DK 243290 A 19910414; DK 243290 D0 19901008; ES 2026046 A6 19920401; FI 904940 A0 19901008; GR 900100750 A 19920320; HU 906418 D0 19910429; HU T58250 A 19920228; IE 903647 A1 19910424; IL 95897 A0 19910718; JP H03240626 A 19911028; NO 904411 D0 19901012; NO 904411 L 19910415; PE 2691 A1 19910215; PL 287296 A1 19910603; PT 95568 A 19920630; ZA 907608 B 19910731

DOCDB simple family (application)

EP 90311184 A 19901012; AU 6317390 A 19900924; BR 9005138 A 19901012; CA 2026181 A 19900925; CN 90108279 A 19901012; CN 90221851 U 19901012; CS 490190 A 19901009; DK 243290 A 19901008; ES 9002573 A 19901010; FI 904940 A 19901008; GR 900100750 A 19901011; HU 641890 A 19901011; IE 364790 A 19901011; IL 9589790 A 19901003; JP 27759790 A 19901015; NO 904411 A 19901012; PE 17601990 A 19901012; PL 28729690 A 19901012; PT 9556890 A 19901011; ZA 907608 A 19900924