

Title (en)

Device for printing, punching or cutting cardboard webs.

Title (de)

Vorrichtung zum Bedrucken, Ausstanzen bzw. Zuschneiden von Kartonabwicklungen.

Title (fr)

Dispositif d'impression, de poinçonnage ou de découpage de carton en bande continue.

Publication

EP 0101549 A2 19840229 (DE)

Application

EP 83106548 A 19830705

Priority

DE 3230833 A 19820819

Abstract (en)

[origin: US4531929A] An apparatus for performing a manufacturing operation on a plurality of flat sheets, such as corrugated cardboard, is provided which is quickly and easily configured for the desired manufacturing operation and substantially reduces the makeready times between jobs having different manufacturing requirements. Preferably, the apparatus includes a mechanism for transporting the sheets serially along a path of travel from the stack of sheets to a first manufacturing location. A mechanism for performing the desired manufacturing operation is normally disposed at the first location, but is shiftable out of the first location when desired. Advantageously, a shiftable conveying mechanism is provided which is shifted into the first location when the manufacturing mechanism is shifted out. Preferably, the apparatus includes a second shiftable manufacturing mechanism and a second shiftable conveying mechanism operably disposed adjacent a second location along the path of travel. Advantageously, the first and second mechanisms can operate either simultaneously on the serially moving sheets, or one of the mechanisms can be shifted out of its manufacturing location for maintenance purposes or to set up for a different job without stopping the apparatus for long periods of time.

Abstract (de)

Eine Vorrichtung zum Bedrucken, Ausstanzen bzw. Zuschneiden von Kartonabwicklungen, insbesondere Wellpappkartonabwicklungen, weist in Laufrichtung einer Transportbahn hintereinander angeordnete Transportwellenpaare (4, 18, 18') und mindestens zwei zwischen diesen angeordnete ausfahrbare und aus Druck- und Gegendruckzylindern bestehende Druckwerke (6, 8), obere und untere Rotationsstanzzylinder sowie ggf. eine vor einem Ablagefach befindlichen Schneidvorrichtung (12) auf. Die Druckwerke (6, 8) sowie die oberen und unteren Rotationsstanzzylinder sind senkrecht zur Laufrichtung der Transportbahn ausfahrbar.

IPC 1-7

B31B 1/88

IPC 8 full level

B26F 1/08 (2006.01); **B31B 50/20** (2017.01); **B31B 50/88** (2017.01)

CPC (source: EP US)

B31B 50/00 (2017.07 - EP US); **B31B 50/042** (2017.07 - EP US); **B31B 50/88** (2017.07 - EP US)

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0101549 A2 19840229; **EP 0101549 A3 19850612**; DE 3230833 A1 19840223; DE 3230833 C2 19850829; JP S59187841 A 19841025; US 4531929 A 19850730

DOCDB simple family (application)

EP 83106548 A 19830705; DE 3230833 A 19820819; JP 14926283 A 19830817; US 52424683 A 19830817