

Title (en)

Apparatus for forming blanks for hinge-lid packages

Title (de)

Vorrichtung zur formgebenden Behandlung von Zuschnitten, insbesondere für Klappschachteln

Title (fr)

Appareil pour former des flancs pour boîtes à charnière

Publication

EP 0667230 B1 19970611 (DE)

Application

EP 95101320 A 19950201

Priority

DE 4404289 A 19940211

Abstract (en)

[origin: EP0667230A1] The sections (14) are feedable to a forming station (18) with at least one forming unit (19) comprising a forming plate (20) with forming longitudinal edges (23,24) and movable forming tools, esp. elongated forming rollers (21). The movable forming tools during formation of the section are movable along edge areas of the forming plate, esp. from the underside to the upper side. The movable forming tools, esp. the forming rollers, after execution of a forming movement action are raisable sideways from the forming plate and feedable back to the starting position along a movement track at a distance from the forming plate.

IPC 1-7

B31B 3/00; **B31B 3/28**

IPC 8 full level

B29C 53/48 (2006.01); **B29C 53/80** (2006.01); **B31B 3/00** (2006.01); **B31B 3/28** (2006.01); **B31B 50/00** (2017.01); **B31B 50/28** (2017.01)

CPC (source: EP US)

B31B 50/00 (2017.07 - EP US); **B31B 50/59** (2017.07 - EP US); **B31B 50/44** (2017.07 - EP US)

Cited by

DE10241798A1; US7001320B1; US7146777B2; WO02078942A1; DE102010050528A1; WO2012062390A1

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0667230 A1 19950816; **EP 0667230 B1 19970611**; CN 1079729 C 20020227; CN 1115282 A 19960124; DE 4404289 A1 19950817; DE 59500293 D1 19970717; JP 3165345 B2 20010514; JP H0811203 A 19960116; US 5549537 A 19960827

DOCDB simple family (application)

EP 95101320 A 19950201; CN 95101508 A 19950211; DE 4404289 A 19940211; DE 59500293 T 19950201; JP 2421295 A 19950213; US 38662795 A 19950210