

Title (en)

Method for the manufacture of an egg carton.

Title (de)

Verfahren zur Herstellung einer Eierverpackung.

Title (fr)

Procédé pour la fabrication d'un emballage pour des oeufs.

Publication

EP 0162807 A1 19851127 (DE)

Application

EP 85810185 A 19850426

Priority

CH 257884 A 19840525

Abstract (en)

[origin: US4621484A] In an egg box made from slitted cardboard blanks of which one provides wave strips joined only at their wave crests for folding around to make pockets for the eggs and the other blank provides flat bottom and side panel or cover strips which brace the wave strips by being glued to the wave trough bottoms of the wave strips, top cover strips respectively glued to the half width wave strips that come together (when the top wave strips are folded around the eggs already packed in the pockets previously formed,) do not both correspond in width to the top wave strips, but one of them has an overlapping free edge the underside of which is bonded adhesively to the other top panel strip. The adhesive bonding is done with a hot-sticking adhesive which when cooled without being covered is no longer sticky. The adhesive is laid down in strips on the wider and shorter blank which provides the cover strips at locations corresponding to the wave trough bottoms that are to be glued on. While it is hot the longer and narrower wave blank, bent into waves, is glued on, leaving the edge portion of the wider blank with spaced cross-ribbons of adhesive which are allowed to cool so that they are no longer sticky. The glued blanks are then filled at a packing station but before they are folded to make pockets, for the eggs, the free edge strip is heated with hot air to soften the adhesive ribbons and then the box is set up and filled and after the top of the box is folded into place, the overlapping free edge strip is pressed against the underlying cover strip to stick the two together. When the adhesive has cooled the pack is secured.

Abstract (de)

Die aus fünf durch Biegekanten (13) zusammengehaltenen Stützbahnen bestehende Verpackung ist entlang der Trennfuge (14) im aufgerichteten Zustand zu fixieren. Hierzu dienen Klebstoffauftragungen (24) die zuvor auf einem vorstehenden Randstreifen (22) beim Verkleben des Wellenbandes mit dem Deckband aufgebracht wurden. Diese nur heiss klebenden Klebstoffauftragungen (24) werden nach dem Einfüllen der Eier (28) erwärmt, bevor der Randstreifen (22) über das Deckband der benachbarten Stützbahn (20) gelegt und mit diesem verklebt wird.

IPC 1-7

B65D 85/32; **B31B 11/00**

IPC 8 full level

B31B 5/76 (2006.01); **B31B 11/00** (2006.01); **B31B 50/64** (2017.01); **B65D 85/32** (2006.01); **B31B 100/00** (2017.01); **B31B 120/30** (2017.01)

CPC (source: EP US)

B65D 85/32 (2013.01 - EP US); **B31B 50/76** (2017.07 - EP US); **B31B 50/81** (2017.07 - EP US); **B31B 2100/00** (2017.07 - EP US); **B31B 2120/20** (2017.07 - EP US); **B31B 2120/30** (2017.07 - EP US); **B31B 2241/002** (2013.01 - EP US); **Y10S 493/913** (2013.01 - EP US)

Citation (search report)

- DE 3110625 A1 19820128 - CASUTT TONI [CH]
- CH 609944 A5 19790330 - CASUTT TONI [CH]
- GB 2093762 A 19820908 - METAL BOX CO LTD
- DE 3110289 A1 19820318 - SETAFIN SA [PA]

Designated contracting state (EPC)

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