

Title (en)

Method and apparatus for applying glue for sealingly mounting of lids in packages and container tubes.

Title (de)

Verfahren und Vorrichtung zum Auftragen von Klebstoff zur dichten Montage von Deckeln auf Verpackungen und Containern.

Title (fr)

Procédé et dispositif pour encoller des couvercles pour montages hermétiques d'emballages et de conteneurs.

Publication

EP 0358617 A1 19900314 (EN)

Application

EP 89850224 A 19890705

Priority

SE 8803013 A 19880829

Abstract (en)

Method and apparatus for applying glue on separate lids (6) and sealingly introducing said lids (6) in containers (18), especially by means of a fully automatic apparatus comprising a supplier (1) for lids (6) or lid panels, a rotor (8) or carousel useful for multi-stage handling of lids (6), or lid panels or lid frames having a reclosing lid rotatably connected thereto, and received from the lid supplier (1), and a supplier (4) of packages or containers tubes (18) co-operating with said rotor (8), and in which the lid handling rotor (8) comprises one or more lid catchers (10-13) which can be expelled from and be retracted into the rotor (8) for catching a lid (6) from the lid supplier (1), and for pressing lids (8) into the open end of a container presented by the container supplier (4), and which can also rotate about a shaft which is radial in relation to the rotor (8), whereby glue or an equivalent adhering substance is applied to the edge of the lid or the lid panel by means of a stationary glue application means (3).

IPC 1-7

B31B 17/74

IPC 8 full level

B31B 1/62 (2006.01); **B31B 17/00** (2006.01); **B31B 17/74** (2006.01); **B31B 50/62** (2017.01); **B65B 51/02** (2006.01); **C09J 5/00** (2006.01)

CPC (source: EP US)

B31B 50/00 (2017.07 - EP); **B31B 50/62** (2017.07 - EP US); **B31B 50/622** (2017.07 - EP); **B31B 2105/0022** (2017.07 - EP)

Citation (search report)

- [X] EP 0113703 A1 19840718 - CONTINENTAL CAN CO [US]
- [A] EP 0113702 A1 19840718 - CONTINENTAL CAN CO [US]
- [A] EP 0167645 A1 19860115 - GORIG RUDOLF

Cited by

CN103692758A; US9815579B2; CN110451226A; CN110451225A; WO2013109174A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0358617 A1 19900314; **EP 0358617 B1 19921209**; AT E83192 T1 19921215; AU 3925789 A 19900301; BR 8904160 A 19900410; DE 68903813 D1 19930121; DE 68903813 T2 19930408; DK 423089 A 19900301; DK 423089 D0 19890828; FI 893969 A0 19890824; FI 893969 A 19900301; JP H02105883 A 19900418; NO 892846 D0 19890710; NO 892846 L 19900301; SE 464127 B 19910311; SE 8803013 D0 19880829; SE 8803013 L 19900301

DOCDB simple family (application)

EP 89850224 A 19890705; AT 89850224 T 19890705; AU 3925789 A 19890803; BR 8904160 A 19890818; DE 68903813 T 19890705; DK 423089 A 19890828; FI 893969 A 19890824; JP 21426689 A 19890822; NO 892846 A 19890710; SE 8803013 A 19880829