

Title (en)

Device for making packages with glued flaps

Title (de)

Vorrichtung zum Herstellen von Packungen mit verleimten Faltlappen

Title (fr)

Dispositif pour la fabrication de paquets comportant des volets collés

Publication

EP 0844181 A1 19980527 (DE)

Application

EP 97118317 A 19971022

Priority

DE 19648445 A 19961122

Abstract (en)

The packets are made from cut-out sections of foldable material such as paper, thin cardboard. The glue is applied by a glue-applicator (15) with at least one nozzle (16) applying the glue to the fold-in flaps (13) especially. The glue-applicator is placed periodically into a waiting position from an operating position. The partly folded paper or cardboard pieces are transported by a continuous conveyor, especially by a revolving folder (11). A collector, especially trough (17) is positioned beneath the glue-nozzles. The glue applicator is moved by a four-bar mechanism (18) operated preferably by a pressure medium cylinder (19) touching a main lever (22).

Abstract (de)

Bei der Fertigung von Packungen, bei denen Faltlappen oder andere Verpackungsteile durch Leim miteinander verbunden sind, wird dieser durch Leimdüsen (16) auf den Zuschnitt (10) der Packung aufgetragen. Bei zeitweiliger Betriebsunterbrechung wird das Leimaggregat (15) in eine vom Faltrevolver (11) entfernte Wartestellung bewegt und hier taktweise durch Abgabe von Leimportionen in Betriebsstellung gehalten. <IMAGE>

IPC 1-7

B65B 51/02; B05B 15/02; B31B 1/62

IPC 8 full level

B05B 15/02 (2006.01); **B05B 15/50** (2018.01); **B31B 1/62** (2006.01); **B31B 50/62** (2017.01); **B65B 51/02** (2006.01)

CPC (source: EP US)

B05B 15/50 (2018.01 - EP US); **B65B 51/023** (2013.01 - EP US); **B31B 50/622** (2017.07 - EP US); **Y10T 156/1798** (2015.01 - EP US)

Citation (applicant)

DE 3545884 A1 19870702 - FOCKE & CO [DE]

Citation (search report)

- [XAY] EP 0647562 A1 19950412 - FOCKE & CO [DE]
- [YA] US 3277862 A 19661011 - RODMAN JAMES B

Citation (third parties)

Third party :

- IT 1278185 B1 19971117 - GD SPA [IT]
- DE 19639260 A1 19980326 - TOPACK VERPACKTECH GMBH [DE]
- US 4704308 A 19871103 - MANEKE SIEGFRIED [DE], et al

Cited by

EP2423112A1; IT202100028871A1; WO2023084554A1; EP0897872B1; EP0897872A1

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DOCDB simple family (application)

EP 97118317 A 19971022; BR 9705808 A 19971121; CN 97123186 A 19971121; DE 19648445 A 19961122; DE 59704286 T 19971022; ES 97118317 T 19971022; JP 32010597 A 19971120; US 97267697 A 19971118