

Title (en)

Folding box glueing machine with ejection mechanism

Title (de)

Faltschachtelklebemaschine mit Auswerfer-Einrichtung

Title (fr)

Encolleuse pour boîtes pliantes avec dispositif d'éjection

Publication

EP 1369363 B1 20121010 (DE)

Application

EP 03011072 A 20030520

Priority

DE 10224814 A 20020605

Abstract (en)

[origin: EP1369363A1] Gluing machine used in the production of folded cardboard boxes from blanks comprises a folding station in which blank parts provided with adhesive strips are folded, and a transfer station with a device for ejecting reject boxes which consists of a circular knife cutting in the conveying direction and a device (11) arranged on each long side of the transfer station for laterally removing side parts separated on longitudinal cutting. A collecting/pressing device presses the flat folded boxes to set the glue. The device for laterally removing the side parts consists of a turntable (16) rotating permanently at high speed which is driven by an electromotor (17) and is arranged next to a conveying belt pair, and at least two pressure disks (18, 19) which are arranged behind each other in the running direction behind the middle and on the outer edge of the turntable.

IPC 8 full level

B31B 31/60 (2006.01); **B65G 47/84** (2006.01); **B31B 1/74** (2006.01); **B31B 31/74** (2006.01); **B65H 29/62** (2006.01)

CPC (source: EP US)

B65H 29/62 (2013.01 - EP US); **B31B 50/006** (2017.07 - EP US); **B65H 2301/4431** (2013.01 - EP US); **B65H 2404/662** (2013.01 - EP US)

Cited by

CN114628046A; CN108217154A; CN112547613A

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DOCDB simple family (publication)

EP 1369363 A1 20031210; **EP 1369363 B1 20121010**; DE 10224814 A1 20031224; JP 2004009736 A 20040115; US 2004033875 A1 20040219; US 6811526 B2 20041102

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