

Title (en)

METHOD FOR CONTROLLING A FOLDING BOX GLUEING MACHINE WITH A SUBSEQUENT DEVICE FOR PACKING

Title (de)

VERFAHREN ZUR STEUERUNG EINER FALTSCHACHTELKLEBEMASCHINE MIT EINER NACHFOLGENDEN VORRICHTUNG ZUM PACKEN

Title (fr)

PROCEDE DE COMMANDE D'UNE MACHINE DE COLLAGE DE BOITE PLIANTE COMPRENANT UN DISPOSITIF D'EMBALLAGE EN AVAL

Publication

**EP 3023337 A1 20160525 (DE)**

Application

**EP 15193809 A 20151110**

Priority

DE 102014223794 A 20141121

Abstract (en)

[origin: CN105292546A] The invention relates to a folding box adhesion device provided with a packing device and a control method thereof. The method comprises: a) producing folding boxes in the folding box adhesion device; b) continuously conveying the folding boxes through a packing device in a folding box flow; c) monitoring pattern design printed on the folding boxes, that is, monitoring printed pattern on each folding box conveyed to the packing device via a detection device; d) automatically packing the folding box in a container, if detecting the pattern design changes in the step c), then separating the convey flow of the folding box in the step d), then preparing a new container for the folding boxes with changed pattern design. The device is composed of the folding box adhesion device and the packing device, wherein the packing device includes a conveying device I, a conveying device II, a container conveying device and the detection device. The device can continuously produce and pack the folding boxes with the same specification and different pattern designs with no need of alignment for manual classification or reducing machine efficiency.

Abstract (de)

Die Erfindung betrifft ein Verfahren zur Steuerung einer Faltschachtelklebemaschine (70) mit einer nachfolgenden Vorrichtung zum Packen (3, 9) von Faltschachteln (1) in Behälter (2), a) Herstellung von Faltschachteln (1) in einer Faltschachtelklebemaschine (70) wobei, wenn in einem Überwachungsschritt eine Änderung des Layouts festgestellt wird, der Schachtelstrom aufgetrennt wird und für die Faltschachteln des geänderten Layouts (1) ein neuer Behälter (2) bereitgestellt wird.

IPC 8 full level

**B65B 5/08** (2006.01); **B65B 25/14** (2006.01); **B65B 57/10** (2006.01)

CPC (source: CN EP)

**B65B 5/08** (2013.01 - EP); **B65B 5/10** (2013.01 - CN); **B65B 25/143** (2013.01 - EP); **B65B 25/145** (2013.01 - CN EP); **B65B 57/10** (2013.01 - CN); **B65B 57/10** (2013.01 - EP)

Citation (applicant)

- DE 2825647 A1 19791213 - JAGENBERG WERKE AG
- DE 2825648 C2 19880128
- DE 2261416 A1 19740704 - JAGENBERG WERKE AG
- EP 1352864 B1 20081105 - HEIDELBERGER DRUCKMASCH AG [DE]

Citation (search report)

- [AD] EP 1352864 B1 20081105 - HEIDELBERGER DRUCKMASCH AG [DE]
- [A] WO 2013026173 A2 20130228 - FERAG AG [CH], et al
- [A] WO 0063077 A1 20001026 - ODEKO VERPACKUNGSMATERIALIEN G [DE], et al
- [A] EP 0153577 A2 19850904 - OSTMA MASCHINENBAU GMBH [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102014223794 A1 20150122**; CN 105292546 A 20160203; CN 105292546 B 20170711; CN 205186587 U 20160427; EP 3023337 A1 20160525; EP 3023337 B1 20170531

DOCDB simple family (application)

**DE 102014223794 A 20141121**; CN 201510703281 A 20151026; CN 201520834134 U 20151026; EP 15193809 A 20151110