

Title (en)

METHOD AND DEVICE FOR MAKING BOXES FROM A SET OF BLANKS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON SCHACHTELN AUS EINEM SATZ VON ROHLINGEN

Title (fr)

PROCEDE ET DISPOSITIF POUR LA REALISATION DE BOITES A PARTIR D'UN ENSEMBLE DE DECOUPES

Publication

EP 2240316 B1 20120516 (FR)

Application

EP 09719964 A 20090203

Priority

- FR 2009000122 W 20090203
- FR 0800602 A 20080204

Abstract (en)

[origin: CA2713406A1] This is a method and device for making a packaging box from two blanks (2, 3), wherein blanks are taken simultaneously from two adjacent stacks (25, 26) and placed on two parallel tracks (29, 30), the blanks are transferred flat until butted longitudinally to an assembly station, the first blank is glued on its way to the longitudinal abutment position, the first and second blanks are butted laterally into their respective positions to give them an exact lateral reference position, they are grasped, and transferred laterally, and the second blank is placed on the first blank which is thus indexed, escaping the drivers (61) of the first track (29) when the second blank is placed against the first blank, but clamped by vertical pressure. The second blank is then applied to the first blank to glue them together in their respective defined longitudinal positions, and the resulting set of blanks is then transferred to an erecting station where the box is erected by rolling the blanks around a core.

IPC 8 full level

B31B 1/02 (2006.01); **B31B 1/28** (2006.01); **B31B 17/00** (2006.01); **B31B 50/02** (2017.01); **B31B 50/06** (2017.01); **B31B 50/28** (2017.01);
B31B 50/38 (2017.01); **B31B 50/62** (2017.01)

CPC (source: BR EP US)

B31B 50/02 (2017.07 - BR); **B31B 50/14** (2017.07 - BR); **B31B 50/28** (2017.07 - BR); **B31D 1/005** (2013.01 - EP US);
B31B 50/044 (2017.07 - EP US); **B31B 50/066** (2017.07 - EP US); **B31B 50/104** (2017.07 - EP US); **B31B 50/28** (2017.07 - EP US);
B31B 2105/0022 (2017.07 - EP US)

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

FR 2927015 A1 20090807; FR 2927015 B1 20100305; BR PI0907745 A2 20191112; BR PI0907745 B1 20201208; CA 2713406 A1 20090917;
CA 2713406 C 20160112; EP 2240316 A1 20101020; EP 2240316 B1 20120516; ES 2385539 T3 20120726; JP 2011510848 A 20110407;
JP 5467057 B2 20140409; MX 2010008601 A 20101130; PL 2240316 T3 20130228; US 2011053746 A1 20110303; US 8409064 B2 20130402;
WO 2009112707 A1 20090917

DOCDB simple family (application)

FR 0800602 A 20080204; BR PI0907745 A 20090203; CA 2713406 A 20090203; EP 09719964 A 20090203; ES 09719964 T 20090203;
FR 2009000122 W 20090203; JP 2010545521 A 20090203; MX 2010008601 A 20090203; PL 09719964 T 20090203; US 86579109 A 20090203