

Title (en)

METHOD AND DEVICE FOR FITTING REINFORCEMENTS ON A CARDBOARD PACKAGING CUTOUT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ANBRINGUNG VON VERSTÄRKUNGEN AN EINEM KARTONVERPACKUNGSZUSCHNITT

Title (fr)

PROCEDE ET DISPOSITIF DE MISE EN PLACE DE RENFORTS SUR UNE DECOUPE D'EMBALLAGE EN CARTON

Publication

EP 3033223 B1 20190626 (FR)

Application

EP 14786961 A 20140814

Priority

- FR 1358014 A 20130814
- FR 2014052091 W 20140814

Abstract (en)

[origin: WO2015022472A1] The invention relates to a method, a device and packaging obtained by way of the method, for fitting at least one reinforcement (2, 2') at a given location on a cutout (5) of cardboard sheet or corrugated cardboard suitable for forming the packaging (B). The blank is removed from a store (4) with the aid of unstacking means (11) comprising a longitudinal structure (13) with a given shape, the blank (3, 3') is transferred horizontally above a template (18) for forming said blank, the blank is compressed between the template (18) and said longitudinal structure (13), the blank thus configured is transferred with glue being applied to the side edges (33, 33') and the blank thus glued is applied to the cutout (5) at the given location so as to form the reinforcement of said packaging (B).

IPC 8 full level

B65D 5/54 (2006.01); **B31B 50/06** (2017.01); **B31B 50/26** (2017.01); **B31B 50/76** (2017.01); **B31B 105/00** (2017.01); **B31B 110/35** (2017.01); **B31B 120/10** (2017.01); **B31B 120/25** (2017.01)

CPC (source: EP US)

B31B 50/59 (2017.07 - EP US); **B31D 5/0004** (2013.01 - EP US); **B31D 5/0026** (2013.01 - EP US); **B65D 5/445** (2013.01 - EP US); **B31B 50/28** (2017.07 - EP US); **B31B 50/44** (2017.07 - EP US); **B31B 50/81** (2017.07 - EP US); **B31B 2105/00** (2017.07 - EP US); **B31B 2120/40** (2017.07 - EP US); **B31B 2120/502** (2017.07 - EP US); **B31B 2241/001** (2013.01 - EP US)

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

DOCDB simple family (publication)

WO 2015022472 A1 20150219; EP 3033223 A1 20160622; EP 3033223 B1 20190626; ES 2747123 T3 20200310; FR 3009713 A1 20150220; FR 3009713 B1 20160325; JP 2016531029 A 20161006; JP 6725417 B2 20200715; KR 102235381 B1 20210401; KR 20160042074 A 20160418; PL 3033223 T3 20191231; US 10144191 B2 20181204; US 2016193801 A1 20160707

DOCDB simple family (application)

FR 2014052091 W 20140814; EP 14786961 A 20140814; ES 14786961 T 20140814; FR 1358014 A 20130814; JP 2016533942 A 20140814; KR 20167006228 A 20140814; PL 14786961 T 20140814; US 201414911987 A 20140814