

Title (en)

PACKAGING DEVICE FOR ARTICLES AND METHOD FOR PREPARING FLAT PACKAGING BLANKS FOR ARTICLES

Title (de)

VERPACKUNGSVORRICHTUNG FÜR ARTIKEL UND VERFAHREN ZUM BEREITSTELLEN VON FLÄCHIGEN VERPACKUNGSZUSCHNITTEN FÜR ARTIKEL

Title (fr)

DISPOSITIF D'EMBALLAGE POUR ARTICLES ET PROCÉDÉ DE FOURNITURE DES DÉCOUPAGES D'EMBALLAGE PLANS POUR ARTICLES

Publication

EP 3549879 B1 20210512 (DE)

Application

EP 18214249 A 20181219

Priority

DE 102018105269 A 20180307

Abstract (en)

[origin: CN210618688U] A packaging apparatus for articles, such as a packaging apparatus (1) for beverage containers (5), is disclosed. The packaging device (1) comprises at least one horizontal transport device (7) for transporting articles (3) and at least one conveying device (4), the at least one conveying device can introduce the planar packaging blanks (2) into a conveying path of the articles (3), so that the articles (3) are moved onto the planar packaging blanks (2) introduced into the conveying path during conveying by the at least one horizontal conveying device (7). According to the utility model, it is provided that the at least one conveying device (4) is designed to detect and derive planar packaging blanks (2) which are determined and which are provided before this for introduction into the transport path and which have defects. The planar packaging blanks (2) which are determined and which are provided before this for introduction into the transport path are defective.

IPC 8 full level

B65B 57/04 (2006.01); **B31B 50/00** (2017.01); **B31B 50/04** (2017.01); **B65B 21/00** (2006.01); **B65B 41/04** (2006.01); **B65B 41/06** (2006.01); **B65B 57/06** (2006.01); **B65B 57/08** (2006.01); **B65H 29/62** (2006.01); **B65H 43/04** (2006.01); **G01N 21/00** (2006.01); **B65B 43/14** (2006.01)

CPC (source: EP)

B31B 50/006 (2017.07); **B31B 50/042** (2017.07); **B65B 21/00** (2013.01); **B65B 41/04** (2013.01); **B65B 41/06** (2013.01); **B65B 57/04** (2013.01); **B65B 57/06** (2013.01); **B65B 57/08** (2013.01); **B65H 29/62** (2013.01); **B65H 43/04** (2013.01); **B65B 43/145** (2013.01); **B65H 2404/2641** (2013.01); **B65H 2701/1764** (2013.01); **B65H 2701/1766** (2013.01)

Citation (opposition)

Opponent : SIDEL PARTICIPATIONS

- EP 1373073 B1 20050608 - SIG COMBIBLOC SYS GMBH [DE]
- EP 2493762 A1 20120905 - FOCKE & CO [DE]
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- EP 2316766 A2 20110504 - WILHELM BAHMUELLER MASCHB PRAEZ SWERKZEUGE GMBH [DE]
- FR 2259750 B1 19780331 - PONT A MOUSSON [FR]
- EP 2093175 B1 20150826 - MASTERWORK MACHINERY CO LTD [CN]
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- EP 0786407 A1 19970730 - BAUMER SRL [IT]
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- US 4878337 A 19891107 - RAUDAT JOHN L [US], et al
- US 6038831 A 20000321 - NAVA VITO GIOVANNI [IT]
- WO 2013091887 A1 20130627 - WINKLER & DUENNEBIER GMBH [DE]

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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)

EP 3549879 A1 20191009; EP 3549879 B1 20210512; CN 210618688 U 20200526; DE 102018105269 A1 20190912; ES 2880454 T3 20211124

DOCDB simple family (application)

EP 18214249 A 20181219; CN 201822207403 U 20181226; DE 102018105269 A 20180307; ES 18214249 T 20181219