

Title (en)

TRAY MADE FROM CARDBOARD SHEET MATERIAL, BLANK, DEVICE AND METHOD FOR PRODUCING SUCH A TRAY

Title (de)

SCHALE AUS WELLPAPPE, ZUSCHNITT, VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG SOLCH EINER SCHALE

Title (fr)

PLATEAU EN MATIERE EN FEUILLE DE CARTON, FLAN, DISPOSITIF ET PROCEDE POUR LA REALISATION D'UN TEL PLATEAU

Publication

**EP 3049336 B1 20170726 (FR)**

Application

**EP 14793224 A 20140926**

Priority

- FR 1359358 A 20130927
- FR 2014052424 W 20140926

Abstract (en)

[origin: WO2015044606A1] The present invention concerns a tray (1) made from cardboard sheet material comprising a rectangular bottom (3) and a ring (4) of side walls, i.e. two first opposing side walls (5, 6), referred to as first walls, at least one of the first walls (5) being connected on either side by first fold lines (9) to end flaps (10, 11) referred to as first flaps, which may or may not themselves be connected respectively at the top part of same to a second flap (14) by a second fold line (15), and two second opposing side walls (7, 8), referred to as second walls. The second walls (7, 8) each comprise a rectangular central panel (20) of which the length  $l_1$  is less than the length  $l_2$  of the bottom, the panel (20) being connected, at each of the lateral ends of same, by a third fold line (21) to a reinforcing member forming a pillar (22) folded and glued to the central panel (20), and/or to the first flap of the adjacent first wall, i.e. a first reinforcing element located entirely separated from the adjacent first wall, and a second reinforcing element.

IPC 8 full level

**B65D 5/00** (2006.01); **B31B 50/28** (2017.01)

CPC (source: EP US)

**B31B 50/26** (2017.07 - EP US); **B31B 50/60** (2017.07 - EP US); **B31B 50/62** (2017.07 - EP US); **B65D 5/002** (2013.01 - EP US); **B65D 5/0045** (2013.01 - EP US); **B65D 5/005** (2013.01 - US); **B31B 50/81** (2017.07 - EP US); **B31B 2100/00** (2017.07 - EP US); **B31B 2100/002** (2017.07 - EP US); **B31B 2110/35** (2017.07 - EP US); **B31B 2120/40** (2017.07 - EP US); **B31B 2120/502** (2017.07 - EP US); **B65D 5/2085** (2013.01 - US); **B65D 5/28** (2013.01 - 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 2015044606 A1 20150402**; EP 3049336 A1 20160803; EP 3049336 B1 20170726; FR 3011228 A1 20150403; FR 3011228 B1 20151016; JP 2016531808 A 20161013; JP 6692292 B2 20200513; KR 102236085 B1 20210402; KR 20160061341 A 20160531; PH 12016500457 A1 20160516; PH 12016500457 B1 20160516; TN 2016000085 A1 20170705; US 10329045 B2 20190625; US 2016236810 A1 20160818; ZA 201601615 B 20171129

DOCDB simple family (application)

**FR 2014052424 W 20140926**; EP 14793224 A 20140926; FR 1359358 A 20130927; JP 2016517333 A 20140926; KR 20167007652 A 20140926; PH 12016500457 A 20160309; TN 2016000085 A 20140926; US 201415025142 A 20140926; ZA 201601615 A 20160308