

Title (en)
CARDBOARD TRAY

Title (de)
KARTONSCHALE

Title (fr)
PLATEAU EN CARTON

Publication
EP 4286288 A1 20231206 (EN)

Application
EP 22176509 A 20220531

Priority
EP 22176509 A 20220531

Abstract (en)
The invention relates to a cardboard tray comprising:- a bottom wall part;- arranged along the circumference of the bottom wall part, a number of upstanding side wall parts alternated with the same number of upstanding corner wall parts;- a circumferential flange composed out of abutting circumferential flange parts, each circumferential flange part being arranged, along a fold line, to the upper edge of one of the upstanding side wall parts;- strengthening flange parts arranged, along a fold line, to the upper edge of each upstanding corner wall part, wherein a strengthening flange part is adhered to both circumferential flange parts of the adjacent side wall parts;wherein the circumferential flange has a sealing zone, which extends along the circumferential flange and which spans at least part of the width of said circumferential flange, andwherein the strengthening flange parts at least partially overlap with the sealing zone, when viewed in a direction perpendicular to the sealing zone.

IPC 8 full level
B65D 5/20 (2006.01); **B65D 77/20** (2006.01)

CPC (source: EP)
B65D 5/2033 (2013.01); **B65D 5/2047** (2013.01); **B65D 5/209** (2013.01); **B65D 77/2024** (2013.01)

Citation (applicant)

- DE 19654230 A1 19980702 - DIETRICH JOCHEN [DE]
- WO 2018178508 A1 20181004 - JOSPAK OY [FI]
- WO 2018178508 A1 20181004 - JOSPAK OY [FI]
- EP 3768118 A1 20210127 - STACKPACK B V [NL]
- WO 2019179930 A1 20190926 - STACKPACK B V [NL]

Citation (search report)

- [XY] WO 2022107181 A2 20220527 - LIC PACKAGING S P A [IT]
- [Y] EP 3768118 A1 20210127 - STACKPACK B V [NL]
- [X] US 2006006215 A1 20060112 - CHEN JUNG-CHIH [TW]
- [A] US 4417882 A 19831129 - WALLIN KAY [SE]

Citation (third parties)
Third party : **Anonymous**

- WO 2018178508 A1 20181004 - JOSPAK OY [FI]
- US 2006006215 A1 20060112 - CHEN JUNG-CHIH [TW]
- WO 2023283491 A1 20230112 - WESTROCK PACKAGING SYSTEMS LLC [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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4286288 A1 20231206; WO 2023232485 A1 20231207

DOCDB simple family (application)
EP 22176509 A 20220531; EP 2023063371 W 20230517