

Title (en)  
CARDBOARD TRAY

Title (de)  
KARTONSCHALE

Title (fr)  
PLATEAU EN CARTON

Publication  
**EP 3744654 A1 20201202 (EN)**

Application  
**EP 19176765 A 20190527**

Priority  
EP 19176765 A 20190527

Abstract (en)  
The invention relates to a Cardboard tray folded from an unfolded sheet of cardboard, which tray comprises:- a bottom wall with a circumferential edge composed out of an even number of straight edges;- wall parts each arranged to a straight edge of the bottom wall;- first and second flange parts alternately arranged to subsequent wall parts along the circumferential edge of the wall parts, which flange parts are arranged along a folding line to an edge of said wall part opposite of, and preferably parallel to, the respective straight edge of the bottom wall;wherein the first flange parts comprise at least a first and a second elongate flange part section, which are connected parallel and along an elongate edge to each other;wherein the first elongate flange part section is arranged to the respective wall part and wherein the second flange part section is double folded against the first flange part section;wherein the first flange parts further comprise a third elongate flange part section, which third elongate flange part section is connected parallel and along an elongate edge to the second elongate flange part section and wherein the third elongate flange part section is adhered to the outside of the respective wall part;wherein each first flange part section has opposite first side edges, extending between the folding line and the elongate edge along which the second flange part section is connected to the first flange part section;wherein each second flange part has an elongate edge, opposite and substantially parallel to the folding line, and opposite second side edges, extending between the elongate edge and the folding line;wherein the first flange part sections and the second flange parts form a circumferential flange;wherein at the transition from a first flange part section to a second flange part, along the circumferential flange, the respective first side edge neighboring the respective second side edge is askew with the folding line of the second flange part and / or said second side edge is askew with the folding line of the first flange part section.

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Citation (applicant)  
• EP 2441697 A1 20120418 - PACKABLE BV [NL]  
• EP 2019056684 W 20190318

Citation (search report)  
• [X] JP 2001080628 A 20010327 - ICHIKAWA HIROO  
• [I] JP 2001348022 A 20011218 - OJI PAPER CO  
• [A] FR 2302246 A1 19760924 - AKERLUND & RAUSING AB [SE]  
• [A] US 2944721 A 19600712 - CHOATE JAMES R

Cited by  
EP4086184A1; WO2022233509A1

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