

Title (en)

Ready-to-use box with doubled bottom.

Title (de)

Gebrauchsfertige Faltschachtel mit doppeltem Boden.

Title (fr)

Boîte prête à l'emploi à double fond.

Publication

EP 0442552 A1 19910821 (EN)

Application

EP 91200125 A 19910122

Priority

NL 9000154 A 19900122

Abstract (en)

This invention relates to a tray or box to be made from a blank by folding and adhesion, comprising a bottom wall (1) and upright walls (6-9) connected thereto by folding lines (2-5), wherein at the corners where upright walls (6-9) meet, one of said walls (8,9) is extended by means of a rectangular connecting flap (13) hingedly connected thereto and in the other upright wall (6,7) a triangular connecting zone (11) is bounded by a folding line (10) inclined at 45 DEG, which connecting zone after being folded back against the rear side of the upright wall (6,7) is attached by adhesion to said rectangular connecting flap (13) and wherein at least a number of the upright box walls (8,9) are provided with so-called overlap panels (15) which are folded over against the corresponding wall panels (8,9) along a folding line (14) and are adhesively affixed thereto, characterized in that at least one of the overlap panels (15) is connected via a folding line (19) to a bottom-doubling panel (20). At opposite side edges of bottom-doubling panels (20), suspension flaps (22) connected thereto along folding lines (21), may be provided, which are adhered to the upright sidewalls (6,7) with the triangular connecting zones (11). <IMAGE>

IPC 1-7

B65D 5/36

IPC 8 full level

B65D 5/36 (2006.01); **B65D 5/44** (2006.01)

CPC (source: EP)

B65D 5/3635 (2013.01); **B65D 5/443** (2013.01)

Citation (search report)

- [Y] EP 0083133 A2 19830706 - GELRIA CARTONNAGE [NL]
- [Y] US 3002672 A 19611003 - LAWRENCE KOTOWICK JOSEPH

Cited by

EP0634332A1; NL9301225A; EP0612663A1; FR2701925A1; US5421509A; EP2072408A1; FR2925024A1

Designated contracting state (EPC)

BE DE DK ES FR NL

DOCDB simple family (publication)

EP 0442552 A1 19910821; **EP 0442552 B1 19931013**; DE 69100486 D1 19931118; DE 69100486 T2 19940203; DK 0442552 T3 19940221; ES 2046001 T3 19940116; NL 9000154 A 19910816

DOCDB simple family (application)

EP 91200125 A 19910122; DE 69100486 T 19910122; DK 91200125 T 19910122; ES 91200125 T 19910122; NL 9000154 A 19900122