

Title (en)

A collapsible tray with partition wall.

Title (de)

Zusammenfaltbarer schalenförmiger Behälter mit Zwischenwand.

Title (fr)

Plateau repliable avec paroi intermédiaire.

Publication

EP 0302563 A1 19890208 (EN)

Application

EP 88201630 A 19880729

Priority

NL 8701800 A 19870730

Abstract (en)

Collapsible tray or like container formed from a blank and comprising a bottom wall (1), front (12), rear (14) and side walls (13,15) connected to said bottom panel (1) along fold lines (6-11), where in at each corner of said bottom wall (1) the opposed walls (12-15) are connected by a rectangular connecting flap (21) hinged (20) to one of the said walls (12-15) and a substantially isosceles-triangular connecting area (23) bounded by a substantially 45 DEG fold line (22) in the other wall (12-15) meeting at said each corner of said bottom wall (1), said connecting flap (21) and said connecting area (23) are mutually fastened as by the use of adhesive or the like, in such a manner that in the collapsed state of the container the walls (12-15) are folded down on top of said bottom wall (1) with the triangular connecting areas (23) and the rectangular connecting flaps (21) located between adjacent wall panels (12-15; 1) said bottom wall (1) comprising parallel fold lines (3,4,5) bounding at least two bottom wall panels (1a,1b) and at least two intermediate wall panels (2a,2b) which are foldable in a face to face relation to form partition walls (2) that can be coupled to adjacent walls (12,14) and that can be folded down onto the bottom wall (1) when the container is to be brought in the collapsed state, said walls (12,14) being cut (16,17) so as to be shortened in a measure corresponding to the shortening of said bottom wall (1) due to the upfolding of said partition wall panels (2a,2b).

IPC 1-7

B65D 5/48; **B65D 5/36**

IPC 8 full level

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CPC (source: EP)

B65D 5/3642 (2013.01); **B65D 5/46184** (2013.01); **B65D 5/48022** (2013.01)

Citation (search report)

- [AD] GB 971272 A 19640930 - R C WALMSLEY LTD
- [AD] US 4362264 A 19821207 - DUNCAN JACK E
- [A] NL 7205527 A 19721030
- [AD] US 3721380 A 19730320 - MEYERS G
- [A] FR 2145837 A5 19730223 - AUVERGNE CARTONNERIES
- [A] US 2850223 A 19580902 - STRAUSS HERMAN H
- [AD] GB 2115384 A 19830907 - BOXFOLDIA LTD

Cited by

EP2028115A1; KR102103278B1; GB2411164A; ITTO20130486A1; US2011259947A1; EP3323747A1; GB2430189A; US6102197A; AU723463B2; EP2133283A1; WO2014199245A1; WO9741036A1; WO2018095981A1

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