

Title (en)

Foldable container box with retracting bottom part

Title (de)

Zusammenklappbare Containerbox mit einziehbarem unteren Teil

Title (fr)

Coffret de conteneur pliable doté d'une partie inférieure rétractable

Publication

EP 2345591 A1 20110720 (EN)

Application

EP 10150816 A 20100115

Priority

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Abstract (en)

A blank (100) for a three-dimensional container box which is flat-foldable and has an automatically folding bottom part, comprising a horizontal row of four side panels (8) and a horizontal row of four bottom panels (9) adjacent to the side panels, the side panels being foldable with respect to the bottom panels over a horizontal fold line (11), and the individual side panels being foldable with respect to each other over parallel vertical fold lines (10), the individual bottom panels are foldable with respect to each other over cornering fold lines (12), and wherein two neighbouring bottom panels share one cornering fold line by which they form a pair of retractable cornering bottom panels in the three-dimensional container box. Method of forming said box from a blank, and a three-dimensional container box which is flat foldable and has a retractable bottom part.

IPC 8 full level

B65D 5/36 (2006.01)

CPC (source: EP)

B65D 5/3621 (2013.01)

Citation (search report)

- [X] US 6557749 B1 20030506 - GILL WALTER S [US]
- [X] WO 2004041525 A2 20040521 - INT PAPER CO [US], et al
- [X] GB 2357278 A 20010620 - FIELD GROUP PLC [GB]

Cited by

DE102019127917A1

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

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DOCDB simple family (publication)

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