

Title (en)

Container for consumer goods having opening and closing mechanism

Title (de)

Behälter für Verbraucherprodukte mit Öffnungs- und Schließmechanismus

Title (fr)

Réceptient pour produits de consommation doté d'un mécanisme d'ouverture et de fermeture

Publication

EP 3040291 A1 20160706 (EN)

Application

EP 14200572 A 20141230

Priority

EP 14200572 A 20141230

Abstract (en)

There is provided a container (10) for consumer goods, the container (10) comprising an outer box portion (12), an inner portion (16) for receiving consumer goods, a lid portion (14) and a lifting mechanism (40) for lifting the inner portion (16) when the lid portion (14) is opened. The lifting mechanism (40) comprises a first panel (42) having a length, A, substantially the same as a height of the outer box portion (12). A first end of the first panel (42) depends from the lid portion (14) along a hinge line (44), which is spaced along the lid portion (14) from the top of an outer box portion back wall (22) by a distance, X. The lifting mechanism (40) further comprises a second panel (46) having a first end depending along a first fold line (48) from a second end of the first panel (42), and a second end depending from an inner portion bottom wall (38) along a hinge line (50). A distance, Y, between the first fold line (48) and a top edge of an inner portion front wall varies when the lid portion (14) is moved between the open and closed positions so that the distance, Y, has a maximum value, Y(max), and a minimum value, Y(min). The dimensions of the container (10) are such that they satisfy the inequality $A - X + Y(\min) > L$, wherein L is the length of the container (10).

IPC 8 full level

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CPC (source: EP)

B65D 5/5213 (2013.01); **B65D 85/1009** (2013.01); **B65D 85/1036** (2013.01)

Citation (search report)

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- [A] US 1859401 A 19320524 - HASSBERG LENGFIELD BYRON
- [A] EP 2778087 A1 20140917 - MULTI PACKAGING SOLUTIONS INC [US]
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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

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DOCDB simple family (application)

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