

Title (en)

ARTICULATED CLOSURE DEVICE FOR A CONTAINER

Title (de)

GELENKIGE VERSCHLUSSVORRICHTUNG FÜR EINEN BEHÄLTER

Title (fr)

DISPOSITIF DE FERMETURE ARTICULÉE POUR RÉCIPIENT

Publication

**EP 3334661 A1 20180620 (FR)**

Application

**EP 16766995 A 20160810**

Priority

- FR 1557686 A 20150812
- FR 2016052063 W 20160810

Abstract (en)

[origin: WO2017025692A1] An articulated closure device (10) for a container comprises at least one lower hinge support (50), a cover (16) and a hinge (18) connecting the lower hinge support (50) to the cover (16), the hinge (18) guiding the cover (16) with respect to the lower hinge support (50) between a closed position and a completely open position in a movement parallel to a reference plane (P) of the closure device (10). The hinge (18) is connected to the lower hinge support (50) by a continuous lower film of material (72) and to the cover (16) by a continuous upper film of material (74). The hinge (18) comprises: a middle element (76) connected to the lower hinge support (50) by a middle portion (72.1) of the lower film of material (72) and connected to the cover (16) by a middle portion (74.1) of the upper film of material (74), at a distance from the middle portion (72.1) of the lower film of material (72); two triangular lower lateral elements (78) that are situated on either side of the reference plane (P) and point towards the reference plane (P), each of the two lower lateral elements (78) having a lower side connected to the lower hinge support (50) by a lateral portion (74.2) of the lower film of material (74), an upper side connected to the middle element (76) by a lower middle film of material (82), and a free outer side; and two triangular upper lateral elements (80) that are situated on either side of the reference plane (P) and point towards the reference plane (P), each of the two upper lateral elements (80) having an upper side connected to the cover (16) by a lateral portion (74.2) of the upper film of material (74), a lower side connected to the middle element (76) by an upper middle film of material (84), and a free outer side.

IPC 8 full level

**B65D 47/08** (2006.01)

CPC (source: EP)

**B65D 47/0809** (2013.01)

Citation (search report)

See references of WO 2017025692A1

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

DOCDB simple family (publication)

**WO 2017025692 A1 20170216**; EP 3334661 A1 20180620; EP 3334661 B1 20220518; FR 3040046 A1 20170217; FR 3040046 B1 20170901; HU E060118 T2 20230228; PL 3334661 T3 20230116

DOCDB simple family (application)

**FR 2016052063 W 20160810**; EP 16766995 A 20160810; FR 1557686 A 20150812; HU E16766995 A 20160810; PL 16766995 T 20160810