

Title (en)
LID FOR A CONTAINER

Title (de)
DECKEL FÜR EINEN BEHÄLTER

Title (fr)
COUVERCLE POUR CONTENANT

Publication
EP 3303169 A1 20180411 (EN)

Application
EP 16738901 A 20160603

Priority
• UA A201505490 A 20150604
• UA 2016000067 W 20160603

Abstract (en)
[origin: WO2016195616A1] The present invention relates to the branch of production of packaging for storage and transportation of goods or materials, for example, such as closures (lids) for containers, more specifically, to closures (lids) combined with auxiliary devices not intended for closure, even more specifically, to lids for a container (hereinafter, the lid) with means for storage of auxiliary devices in a specific position, in particular, elastic elements, and with auxiliary package for additional items or materials, and may be used, for example, for closing containers or reservoirs with food products and contain auxiliary devices for consumption of food products. The lid for a container comprises a hollow casing with an upper part and a lower part. The upper part of the casing being formed by side walls and an end wall and comprising means for keeping auxiliary devices, made in a form of elastic petal- shaped elements arranged in one plane. The lower part of the casing comprises a side wall and means of coupling with the container. The means of coupling with the container designed as fillets having a form of segments arranged along a perimeter of the inner surface of the lower part of the casing. Flanges arranged along the perimeter of an inner surface of the lower part of the casing above the fillets. Flanges comprise a bearing surface on a side of the fillets and a gripping surface having a hook in a lower part thereof. A distance from a plane of positioning the petal-shaped elements to an end surface of the upper part of the lid h is within 0.2...0.8 of the lid height H. A distance from the bearing surface of flanges h 1 to the plane of positioning petal-shaped elements is not less than a height of flanges h 2 . A total surface area of the petal-shaped elements S is within 0.5...0.8 of a sectional area of the upper part of the casing S 1 at a site where petal- shaped elements are positioned.

IPC 8 full level
B65D 43/02 (2006.01); **B65D 51/24** (2006.01)

CPC (source: EP)
B65D 43/0212 (2013.01); **B65D 51/246** (2013.01); **B65D 2543/00092** (2013.01); **B65D 2543/00296** (2013.01); **B65D 2543/00351** (2013.01); **B65D 2543/00527** (2013.01); **B65D 2543/00537** (2013.01); **B65D 2543/0074** (2013.01); **B65D 2543/00759** (2013.01); **B65D 2543/00805** (2013.01)

Citation (search report)
See references of WO 2016195616A1

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 2016195616 A1 20161208; **WO 2016195616 A4 20170202**; EP 3303169 A1 20180411; UA 114120 C2 20170425

DOCDB simple family (application)
UA 2016000067 W 20160603; EP 16738901 A 20160603; UA A201505490 A 20150604