

Title (en)
COMPACT CONTAINER COMPRISING RING BUTTON MEMBER

Title (de)
KOMPAKTER BEHÄLTER MIT RINGKNOPFELEMENT

Title (fr)
RÉCIPIENT COMPACT COMPRENANT UN ÉLÉMENT BOUTON ANNULAIRE

Publication
EP 3225128 A4 20180808 (EN)

Application
EP 15875735 A 20151230

Priority
• KR 20140009718 U 20141231
• KR 2015014516 W 20151230

Abstract (en)
[origin: EP3225128A1] The present invention relates to a compact container having a ring button member, and more particularly, to a compact container having a ring button member which is capable of allowing a distribution plate to vertically press a pump by allowing pressing grooves formed in a diagonal direction of the ring button member to press an upper part of pressing protrusions of the distribution plate even though the ring button member is pressed in a state that the ring button member is inclined when the ring button member is pressed to exhaust contents, wherein the ring button member having a ring shape is formed on a lower part of a discharge plate, the pressing grooves are formed at two places facing each other in a diagonal direction of a lower end of the ring button member, the pressing protrusions are formed at two places facing each other facing each other in a diagonal direction of an outside of the distribution plate to correspond to the positions of the pressing grooves of the ring button member, and the distribution plate formed on the lower portion of the ring button member is coupled to the discharge plate so that a content discharge path is formed. According to the present invention, there is provided a compact container having a ring button member, which includes a container body (10) provided with a button (11) formed at one side thereof, and a container lid (20) hinge-coupled to one side of the container body (10) to be taken on/off, wherein the compact container includes: an inner container (30) provided with a content receiving space (31); a pump support plate (40) coupled to an upper part of the inner container (30) to seal the inner container (30); a pump (50) installed to a central upper part of the pump support plate (40) to pump contents; a distribution plate (60) coupled to an upper part of the pump (50) and having pressing protrusions (61) formed at two places facing each other in a diagonal direction on an outside thereof; and a ring button member (70) coupled to an upper part of the distribution plate 60 and having pressing grooves (71) formed at two places facing each other in a diagonal direction on a lower end thereof, wherein the pressing protrusions (61) of the distribution plate (60) are inserted into the pressing grooves (71) of the ring button member (70), and diameters of the pressing protrusions (61) are less than inner diameters of the pressing grooves (71).

IPC 8 full level
A45D 40/00 (2006.01); **A45D 33/02** (2006.01); **A45D 33/06** (2006.01); **A45D 40/22** (2006.01); **A45D 42/02** (2006.01); **B05B 11/00** (2006.01); **B65D 43/16** (2006.01); **B65D 43/22** (2006.01); **B65D 43/26** (2006.01); **B65D 47/00** (2006.01); **B65D 83/00** (2006.01)

CPC (source: EP US)
A45D 33/025 (2013.01 - EP US); **A45D 33/06** (2013.01 - EP US); **A45D 40/00** (2013.01 - EP US); **A45D 40/0075** (2013.01 - EP US); **A45D 40/222** (2013.01 - EP US); **A45D 42/02** (2013.01 - EP US); **B05B 11/0032** (2013.01 - EP US); **B05B 11/1056** (2013.01 - EP US); **B65D 43/163** (2013.01 - US); **B65D 43/22** (2013.01 - US); **B65D 43/26** (2013.01 - US); **B65D 47/00** (2013.01 - EP US); **B65D 83/00** (2013.01 - EP US); **A45D 2200/056** (2013.01 - EP US); **B05B 11/00446** (2018.07 - EP US); **B05B 11/028** (2023.01 - EP US); **B05B 11/1069** (2023.01 - EP US)

Citation (search report)
• [A] WO 2013035976 A1 20130314 - YONWOO CO LTD [KR], et al
• [A] WO 2014204100 A2 20141224 - YONWOO CO LTD [KR]
• See references of WO 2016108641A1

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

DOCDB simple family (publication)
EP 3225128 A1 20171004; **EP 3225128 A4 20180808**; **EP 3225128 B1 20190619**; CN 106175032 A 20161207; CN 106175032 B 20190705; CN 205143858 U 20160413; JP 2018501013 A 20180118; JP 6514339 B2 20190515; US 2018035785 A1 20180208; WO 2016108641 A1 20160707

DOCDB simple family (application)
EP 15875735 A 20151230; CN 201510397032 A 20150708; CN 201520488683 U 20150708; JP 2017535826 A 20151230; KR 2015014516 W 20151230; US 201515537855 A 20151230