

Title (en)
TUBE FOR STORING AND DISPENSING A PRODUCT

Title (de)
TUBE ZUR AUFBEWAHRUNG UND AUSGABE EINES PRODUKTS

Title (fr)
TUBE PERMETTANT DE STOCKER ET DE DISTRIBUER UN PRODUIT

Publication
EP 3277597 A1 20180207 (EN)

Application
EP 15721927 A 20150421

Priority
US 2015026844 W 20150421

Abstract (en)
[origin: WO2016171669A1] A tube or other container for storing and dispensing a product such as toothpaste, a lotion, a cream, etc., includes one or more recesses. Initially, each recess (30) is in a concave position relative to an exterior of the sealed tube. Due to outgassing or other factors, pressure within an interior of the sealed tube may increase. During the pressure increase, the one or more recesses (30) deflect from the initial concave position toward a convex position relative to the exterior of the tube, thereby effectively increasing a volume of the interior of the tube and maintaining pressure within the tube at a more desirable level.

IPC 8 full level
B65D 35/08 (2006.01); **B65D 79/00** (2006.01)

CPC (source: EP US)
A47K 5/122 (2013.01 - EP US); **B65D 35/08** (2013.01 - EP US); **B65D 79/0084** (2020.05 - EP US)

Citation (search report)
See references of WO 2016171669A1

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 2016171669 A1 20161027; AU 2015392003 A1 20171019; AU 2015392003 B2 20180510; CN 107531366 A 20180102; EP 3277597 A1 20180207; IL 254807 A0 20171231; MX 2017013243 A 20180215; US 2018105341 A1 20180419

DOCDB simple family (application)
US 2015026844 W 20150421; AU 2015392003 A 20150421; CN 201580079101 A 20150421; EP 15721927 A 20150421; IL 25480717 A 20171001; MX 2017013243 A 20150421; US 201515567787 A 20150421