

Title (en)  
SUPPORT STRUCTURE FOR SIMULTANEOUSLY HOLDING A PLURALITY OF CONTAINERS FOR SUBSTANCES FOR MEDICAL, PHARMACEUTICAL OR COSMETIC APPLICATIONS AND TRANSPORT OR PACKAGING CONTAINER WITH SAID SUPPORT STRUCTURE

Title (de)  
HALTESTRUKTUR ZUM GLEICHZEITIGEN HALTEN EINER MEHRZAHL VON BEHÄLTERN FÜR SUBSTANZEN FÜR MEDIZINISCHE, PHARMAZEUTISCHE ODER KOSMETISCHE ANWENDUNGEN SOWIE TRANSPORT- ODER VERPACKUNGSBEHÄLTER MIT SELBIGER

Title (fr)  
STRUCTURE DE SUPPORT POUR LE SUPPORT SIMULTANÉ D'UNE PLURALITÉ DE RÉCIPIENTS POUR DES SUBSTANCES POUR DES APPLICATIONS MÉDICALES, PHARMACEUTIQUES OU COSMÉTIQUES ET RÉCIPIENT DE TRANSPORT OU D'EMBALLAGE DOTÉ DE CELLE-CI

Publication  
**EP 2886983 B1 20170412 (DE)**

Application  
**EP 14199819 A 20130503**

Priority  
• DE 102012106341 A 20120713  
• DE 102012108215 A 20120904  
• US 201261696457 P 20120904  
• DE 102012110547 A 20121105  
• EP 13722722 A 20130503

Abstract (en)  
[origin: WO2014009037A1] The invention relates to a holder structure for simultaneously holding a plurality of containers (2) for substances for cosmetic, medicinal or pharmaceutical applications, particularly bottles, and which comprises a carrier (134) that has a plurality of openings or receiving portions (135) into which the containers can be introduced, as well as holder means for holding the container in place in these openings or receiving portions. According to the invention, the holder means comprise at least two holder tabs (140) which are provided on the edge of a given opening or receiving portion and project away from an upper side of the carrier (134) so as to hold the container in question in place, said holder tabs (140) being designed such that they are elastically pivoted or folded back as the container is introduced into the openings or receiving portions, and being adapted to the containers such that these are held in place by means of said holder tabs with radial play and a low degree of tension. The radial play allows production-related tolerances to be compensated for, but also different types of container with different outer dimensions to be held using the same holder structure. Since base support of the containers in the holder structure is not required, the containers may be accessed easily. In particular, they can be transferred in batches to further processing stations where they are processed further, while being held in the holder structure. The containers can be lifted or moved, for example, rotated, in the openings or receiving portions with very little expenditure of force.

IPC 8 full level  
**F26B 5/06** (2006.01); **B65B 21/18** (2006.01); **B65D 21/02** (2006.01); **F26B 25/00** (2006.01)

CPC (source: CN EP KR US)  
**A61J 1/16** (2013.01 - CN EP KR US); **A61J 7/0069** (2013.01 - EP KR US); **B01L 9/06** (2013.01 - KR); **B65B 3/003** (2013.01 - KR); **B65B 7/2892** (2013.01 - KR US); **B65B 21/18** (2013.01 - CN EP KR US); **B65B 43/42** (2013.01 - KR US); **B65B 61/207** (2013.01 - KR); **B65D 1/36** (2013.01 - KR US); **B65D 25/108** (2013.01 - CN EP KR US); **B65D 71/50** (2013.01 - CN EP KR US); **B65D 71/70** (2013.01 - KR); **B65D 85/305** (2013.01 - KR); **B65D 85/42** (2013.01 - KR); **F26B 5/06** (2013.01 - CN EP KR US); **F26B 25/001** (2013.01 - CN EP KR US); **A61J 7/0069** (2013.01 - CN); **B01L 9/06** (2013.01 - CN EP US); **B65B 3/003** (2013.01 - CN EP US); **B65B 61/207** (2013.01 - CN EP US)

Cited by  
EP3569314A1; CN110481984A; EP3862095A1; DE102020118727A1; WO2022013316A2; DE102020118726A1; WO2022013313A1

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)  
**WO 2014009037 A1 20140116**; CN 104471336 A 20150325; CN 104471336 B 20160413; CN 105476848 A 20160413; DK 2886983 T3 20170731; EP 2872843 A1 20150520; EP 2872843 B1 20160629; EP 2886983 A1 20150624; EP 2886983 B1 20170412; ES 2631688 T3 20170904; IN 308DEN2015 A 20150612; KR 101655726 B1 20160907; KR 101660192 B1 20161010; KR 101771378 B1 20170824; KR 20150034786 A 20150403; KR 20160023933 A 20160303; KR 20160110549 A 20160921; MX 2015000286 A 20150410; MX 354122 B 20180214; US 10124928 B2 20181113; US 10287056 B2 20190514; US 2015166212 A1 20150618; US 2016318660 A1 20161103

DOCDB simple family (application)  
**EP 2013059297 W 20130503**; CN 201380037486 A 20130503; CN 201510919489 A 20130503; DK 14199819 T 20130503; EP 13722722 A 20130503; EP 14199819 A 20130503; ES 14199819 T 20130503; IN 308DEN2015 A 20150113; KR 20157004052 A 20130503; KR 20167004184 A 20130502; KR 20167024781 A 20130503; MX 2015000286 A 20130503; US 201514594819 A 20150112; US 201615205119 A 20160708