

Title (en)  
SET CONSISTING OF AT LEAST TWO CONTAINERS, EACH OF WHICH HAS A DIFFERENT INNER VOLUME

Title (de)  
SET BESTEHEND AUS MINDESTENS ZWEI BEHÄLTERN MIT JEWEILS UNTERSCHIEDLICHEN INNENVOLUMINA

Title (fr)  
ENSEMBLE D'AU MOINS DEUX RÉCIPIENTS DE VOLUMES INTERNES DIFFÉRENTS

Publication  
**EP 3414173 B1 20230809 (DE)**

Application  
**EP 16704130 A 20160210**

Priority  
EP 2016000221 W 20160210

Abstract (en)  
[origin: WO2017137053A1] The invention relates to a set (1) consisting of at least two containers (2), each of which has a different inner volume, wherein the cross-sections (4) of the openings in all the containers (2) in the set (1) are identical. In order to create such a set (1) that is characterized in that same can be stacked in a compact manner and is easy to unstack, the bases (5) of all the containers (2) in the set (1) are also identical, and at least one wall portion (6) of the respective lateral face (7) of all the containers (2) in the set (1) has: - a rectilinear section (15) in which the at least one wall portion (6), in each vertical plane running parallel to a vertical axis (8) of the container (2), forms two rectilinear tracks which diverge in the direction of the cross section (4) of the opening and each define an angle (a) of at least 2 degrees, preferably an angle between 2 degrees and 5 degrees, together with the vertical axis (8), and - a transition section (16) which consists of two curved portions and of which the curve of intersection with each vertical plane running parallel to the vertical axis (8) of the container (2) merges tangentially with both the rectilinear section (15) and a curve of intersection of the base (5), wherein a curved portion adjoining the rectilinear section (15) has a larger radius than a curved portion adjoining the base, and the two curved portions merge tangentially.

IPC 8 full level  
**B65D 21/02** (2006.01); **B65D 1/22** (2006.01)

CPC (source: EP US)  
**B65D 1/22** (2013.01 - EP US); **B65D 21/0233** (2013.01 - EP US)

Citation (examination)  
NN, 3 September 2014 (2014-09-03), Retrieved from the Internet <URL:https://de.wikipedia.org/wiki/Spurgerade> [retrieved on 20190617]

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 2017137053 A1 20170817**; AU 2016392456 A1 20180913; AU 2016392456 B2 20220303; EP 3414173 A1 20181219;  
EP 3414173 B1 20230809; ES 2962458 T3 20240319; MX 2018009415 A 20181219; US 11447294 B2 20220920; US 2021188483 A1 20210624

DOCDB simple family (application)  
**EP 2016000221 W 20160210**; AU 2016392456 A 20160210; EP 16704130 A 20160210; ES 16704130 T 20160210; MX 2018009415 A 20160210;  
US 201616076291 A 20160210