

Title (en)
FOOD CONTAINER

Title (de)
LEBENSMITTELBEHÄLTER

Title (fr)
RÉCIPIENT ALIMENTAIRE

Publication
EP 3564144 A1 20191106 (EN)

Application
EP 18275163 A 20181017

Priority
EP 18275163 A 20181017

Abstract (en)
A container (10) for use, for example, for beverages, has a wall (12) with an external surface (14) and an internal wall (16) of substantially uniform thickness. The wall (12) has a fractal profile which provides a series of fractal elements (18-28) on the interior and exterior surfaces (14-16), forming pits (40) and bulges (42) in the profile of the wall and in which a pit (40) as seen from one of the exterior or interior surfaces (12, 14) forms a bulge (42) on the other of the exterior or interior surfaces (12, 14). The profile enables multiple containers to be coupled together by inter-engagement of pits and bulges on corresponding ones of the containers. The profile also improves grip, as well as heat transfer into and out of the container.

IPC 8 full level
B65D 6/02 (2006.01); **B65D 1/02** (2006.01); **B65D 6/00** (2006.01); **B65D 8/00** (2006.01); **B65D 13/02** (2006.01); **B65D 21/02** (2006.01)

CPC (source: EP)
B65D 1/0223 (2013.01); **B65D 7/02** (2013.01); **B65D 11/02** (2013.01); **B65D 11/10** (2013.01); **B65D 13/02** (2013.01); **B65D 21/0204** (2013.01); **B65D 21/0205** (2013.01); **B65D 65/463** (2013.01)

Citation (search report)
• [X] US 5803301 A 19980908 - SATO KAZUHIRO [JP], et al
• [I] DE 10004386 A1 20010809 - EICHMANN JOSEF ALEXANDER [ZA]

Cited by
WO2020079499A1

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)
EP 3564144 A1 20191106; DE 102019128120 A1 20200423; DE 202019005767 U1 20220124; DE 202019005997 U1 20231221;
EP 4067251 A1 20221005

DOCDB simple family (application)
EP 18275163 A 20181017; DE 102019128120 A 20191017; DE 202019005767 U 20191017; DE 202019005997 U 20191017;
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