

Title (en)
LIGHTWEIGHT CONTAINER BASE

Title (de)
LEICHTER BEHÄLTERBODEN

Title (fr)
BASE DE CONTENANT DE FAIBLE POIDS

Publication
EP 3615436 A4 20210120 (EN)

Application
EP 17907046 A 20171113

Priority
• US 201715581855 A 20170428
• US 2017061350 W 20171113

Abstract (en)
[origin: WO2018200030A1] A container defining a longitudinal axis and a transverse direction that is transverse with respect to the longitudinal axis. The container includes a finish and a sidewall portion extending from the finish. A plurality of ribs are defined by the sidewall. A base portion extends from the sidewall portion and encloses the sidewall portion to form a volume therein for retaining a commodity. The base portion has a contact surface for supporting the container. A plurality of straps extend radially along the base portion away from the longitudinal axis in the transverse direction, each one of the straps defines a strap surface that is closer to the finish than the contact surface. The plurality of ribs and the base portion are configured to place the container in a state of hydraulic charge-up when top load is applied to the container after the container is filled.

IPC 8 full level
B65D 1/02 (2006.01); **B65D 79/00** (2006.01)

CPC (source: EP US)
B65D 1/0261 (2013.01 - EP); **B65D 1/0284** (2013.01 - EP); **B65D 79/0081** (2020.05 - EP US); **B65D 2501/0027** (2013.01 - EP); **B65D 2501/0036** (2013.01 - EP); **B65D 2501/0081** (2013.01 - EP)

Citation (search report)
• [I] WO 2016028393 A1 20160225 - AMCOR LTD [AU], et al
• [I] US 2017096249 A1 20170406 - LANE MICHAEL T [US], et al
• [A] WO 2016028302 A1 20160225 - AMCOR LTD [AU]
• [A] WO 2013033550 A2 20130307 - AMCOR LTD [AU], et al
• [A] WO 2014036516 A1 20140306 - AMCOR LTD [AU]
• [A] WO 2015084324 A1 20150611 - AMCOR LTD [AU]
• See also references of WO 2018200030A1

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 2018200030 A1 20181101; BR 112019020359 A2 20200428; CA 3057962 A1 20181101; CO 2019012002 A2 20200117; EP 3615436 A1 20200304; EP 3615436 A4 20210120; MX 2019012478 A 20191202; PE 20200067 A1 20200115

DOCDB simple family (application)
US 2017061350 W 20171113; BR 112019020359 A 20171113; CA 3057962 A 20171113; CO 2019012002 A 20191028; EP 17907046 A 20171113; MX 2019012478 A 20171113; PE 2019002101 A 20171113