

Title (en)  
LIGHTWEIGHT CONTAINER BASE

Title (de)  
LEICHTER BEHÄLTERBODEN

Title (fr)  
BASE DE RÉCIPIENT LÉGER

Publication  
**EP 3183178 B1 20200226 (EN)**

Application  
**EP 15833585 A 20150629**

Priority  
• US 201414465494 A 20140821  
• US 2015038321 W 20150629

Abstract (en)  
[origin: WO2016028393A1] 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  
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CPC (source: EP US)  
**B65D 1/0223** (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 (examination)  
• US 2011011873 A1 20110120 - MIURA MASAKI [JP], et al  
• US 2002153343 A1 20021024 - TOBIAS JOHN W [US], et al  
• US 5080244 A 19920114 - YOSHINO YATARO [JP]

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 2016028393 A1 20160225**; EP 3183178 A1 20170628; EP 3183178 A4 20180328; EP 3183178 B1 20200226; SV 2017005388 A 20170818

DOCDB simple family (application)  
**US 2015038321 W 20150629**; EP 15833585 A 20150629; SV 2017005388 A 20170221