

Title (en)

RETORT-RESISTANT PLASTIC CONTAINER

Title (de)

RETORTENBESTÄNDIGER KUNSTSTOFFBEHÄLTER

Title (fr)

RÉCIPIENT PLASTIQUE RÉSISTANT AUX TEMPÉRATURES D'AUTOCLAVE

Publication

EP 2630047 A2 20130828 (EN)

Application

EP 11834937 A 20111017

Priority

- US 39424810 P 20101018
- US 2011056564 W 20111017

Abstract (en)

[origin: US2012091149A1] A retort-resistant plastic container includes a base portion, a sidewall portion, and a neck portion. The base portion includes a domed portion and a lower annular portion. The sidewall portion extends upwardly from the base portion, and typically has a minimum thickness of 0.020 inches. The neck portion extends upwardly from the sidewall portion and includes an annular flange. In embodiments, the outer diameter of the lower annular portion is less than the inner diameter of the annular flange. Further, in some embodiments, the sidewall is substantially smooth absent various sidewall structural reinforcements (e.g., vacuum panels or reinforcement ribs). Moreover, for embodiments, the sidewall portion is at least 0.80 of the total vertical length of the container.

IPC 8 full level

B65D 1/16 (2006.01); **B65D 21/02** (2006.01); **B65D 79/00** (2006.01)

CPC (source: EP US)

B65D 1/165 (2013.01 - EP US); **B65D 21/0219** (2013.01 - EP US); **B65D 79/0081** (2020.05 - EP US)

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)

US 2012091149 A1 20120419; AU 2011317279 A1 20130502; CA 2815075 A1 20120426; CN 103429498 A 20131204; EP 2630047 A2 20130828; EP 2630047 A4 20150729; MX 2013004273 A 20131025; WO 2012054398 A2 20120426; WO 2012054398 A3 20130725

DOCDB simple family (application)

US 201113274874 A 20111017; AU 2011317279 A 20111017; CA 2815075 A 20111017; CN 201180060977 A 20111017; EP 11834937 A 20111017; MX 2013004273 A 20111017; US 2011056564 W 20111017