

Title (en)

MULTI-PART LID MADE FROM A PAPER MATERIAL AND PROCESS FOR MANUFACTURING A MULTI-PART LID

Title (de)

MEHRTEILIGER DECKEL AUS EINEM PAPIERMATERIAL UND VERFAHREN ZUM HERSTELLEN EINES MEHRTEILIGEN DECKELS

Title (fr)

COUVERCLE EN PLUSIEURS PARTIES CONSTITUÉ D'UN MATÉRIAU PAPIER ET PROCÉDÉ DE FABRICATION D'UN COUVERCLE EN PLUSIEURS PARTIES

Publication

EP 2674369 B1 20220817 (DE)

Application

EP 13167962 A 20130516

Priority

- US 201261659162 P 20120613
- DE 102012216631 A 20120918

Abstract (en)

[origin: EP2674369A1] The cover (10) has a single-piece base body (12) including a cover plate and a circumferential cover collar extending from the cover plate. A cover collar extends upwards away from a container. A reinforcement ring (14) is connected to the cover collar by a peripheral shroud or skirt. The reinforcement ring is arranged on a side of the cover plate opposite to the cover collar. The ring includes a peripheral skirt forming a circumferential step along the periphery on a radially interior side of the reinforcement ring, and/or a circumferential bead along the periphery. An independent claim is also included for a method for manufacturing a multipart lid from a paper material.

IPC 8 full level

B65D 43/02 (2006.01)

CPC (source: EP)

B65D 43/0212 (2013.01); **B65D 2543/00027** (2013.01); **B65D 2543/00092** (2013.01); **B65D 2543/00157** (2013.01); **B65D 2543/00194** (2013.01); **B65D 2543/00268** (2013.01); **B65D 2543/00537** (2013.01); **B65D 2543/00638** (2013.01); **B65D 2543/00685** (2013.01); **B65D 2543/00731** (2013.01); **B65D 2543/00796** (2013.01)

Citation (examination)

- US 2006261070 A1 20061123 - ROBERTSON RONALD D [US], et al
- IT RM940342 A1 19951201 - SEDA SPA
- US 2069213 A 19370202 - HERMAN CAREW
- DE 4429057 A1 19960222 - HOERAUF MICHAEL MASCHF [DE]
- US 2004232154 A1 20041125 - SMITH BRUCE R [US], et al

Cited by

AU2022200799B2; DE102021126861A1; EP3473560B1; EP3865419A1; EP3403944A1; US10676249B2; EP3473560A1

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)

EP 2674369 A1 20131218; EP 2674369 B1 20220817

DOCDB simple family (application)

EP 13167962 A 20130516