

Title (en)

MULTICOLOR PRINTED AND EMBOSSED LID FOR CREAM JARS AND METHOD FOR PRODUCING SUCH COVERS

Title (de)

MEHRFARBIG BEDRUCKTER UND GEPRÄGTER DECKEL FÜR CREMEDOSEN UND VERFAHREN ZUR HERSTELLUNG SOLCHER DECKEL

Title (fr)

COUVERCLE GAUFRÉ ET IMPRIMÉ EN PLUSIEURS COULEURS POUR BOÎTES DE CRÈME ET PROCÉDÉ DE FABRICATION DE COUVERCLES DE CE TYPE

Publication

EP 2180965 A1 20100505 (DE)

Application

EP 08735025 A 20080404

Priority

- EP 2008002696 W 20080404
- DE 102007018778 A 20070417

Abstract (en)

[origin: WO2008125238A1] The invention relates to a painted, printed, and embossed deep-drawn lid, circular in the top view, made of aluminum, substantially in the form of a cylinder open on one side, wherein the imprint on the substantially flat surface has at least one contour also representing the contour of the embossment, obtainable by a sequence of the following process steps: (a) coating, particularly printing an aluminum plate with paint and/or colorant, (b) cutting the aluminum plate, (c) deep drawing, (d) embossing, (e) optionally edge rolling, wherein the steps (b), (c), (d), and optionally (e) are performed by a single tool.

IPC 8 full level

B21D 51/44 (2006.01); **A45D 40/00** (2006.01); **B21D 22/20** (2006.01); **B21D 28/00** (2006.01); **B21D 35/00** (2006.01); **B21D 51/38** (2006.01); **B41F 17/00** (2006.01)

CPC (source: EP US)

A45D 40/0068 (2013.01 - EP US); **B21D 19/12** (2013.01 - EP); **B21D 22/22** (2013.01 - EP); **B21D 35/00** (2013.01 - EP US); **B21D 51/44** (2013.01 - EP US); **Y10T 29/301** (2015.01 - EP US); **Y10T 29/49906** (2015.01 - EP US)

Citation (search report)

See references of WO 2008125238A1

Citation (examination)

DE 202006016010 U1 20070222 - TEICH AG [AT]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2008125238 A1 20081023; BR PI0810437 A2 20141014; CH 697701 B1 20130115; CN 101663110 A 20100303; DE 102007018778 A1 20081030; EP 2180965 A1 20100505; RU 2009141584 A 20110527; US 2010116775 A1 20100513

DOCDB simple family (application)

EP 2008002696 W 20080404; BR PI0810437 A 20080404; CH 18072008 A 20080404; CN 200880012701 A 20080404; DE 102007018778 A 20070417; EP 08735025 A 20080404; RU 2009141584 A 20080404; US 59619108 A 20080404