

Title (en)

Packaging for packaging products, in particular cosmetic compositions

Title (de)

Verpackungsmaterial für die Verpackung von Produkten, insbesondere von kosmetischen Zusammensetzungen

Title (fr)

Emballage pour le conditionnement de produits, en particulier de compositions cosmétiques

Publication

EP 2607258 B1 20150805 (FR)

Application

EP 12290443 A 20121217

Priority

FR 1104084 A 20111223

Abstract (en)

[origin: EP2607258A1] The packaging has a lid (14) closing an opening (20) at the top of a container (12) and bearing a deformable membrane (48) to seal a product housing (24) when the lid is in a closed position. The membrane has a flexible central wall (50) surrounded by a rigid annular rim (52). The rim is urged in an axial closing direction by a spring (72) bearing on a lid base such that the rim sealingly bears on an annular bearing (28) surrounding the opening when the lid is in the closed position. The wall is deformed due to differences between pressures prevailing on either side of the membrane. The spring is a metal, synthetic or gas spring.

IPC 8 full level

A45D 40/00 (2006.01)

CPC (source: EP US)

A45D 40/0068 (2013.01 - EP US); **A45D 40/22** (2013.01 - US); **B65D 43/163** (2013.01 - US); **B65D 53/04** (2013.01 - US);
A45D 2200/051 (2013.01 - EP US)

Cited by

CN109561755A; US10881185B2; US10925375B2

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 2607258 A1 20130626; **EP 2607258 B1 20150805**; CN 104136338 A 20141105; CN 104136338 B 20160203; ES 2551911 T3 20151124;
FR 2984696 A1 20130628; FR 2984696 B1 20140117; JP 2013252415 A 20131219; JP 6125829 B2 20170510; KR 102024304 B1 20191104;
KR 20140114841 A 20140929; US 10219603 B2 20190305; US 2013161345 A1 20130627; WO 2013093244 A1 20130627

DOCDB simple family (application)

EP 12290443 A 20121217; CN 201280070397 A 20121220; ES 12290443 T 20121217; FR 1104084 A 20111223; FR 2012000540 W 20121220;
JP 2012279379 A 20121221; KR 20147020419 A 20121220; US 201213721684 A 20121220