

Title (en)

COMPACT CASE HAVING AIRTIGHT STRUCTURE REFILLABLE WITH CAPSULE COSMETIC

Title (de)

MIT EINEM KOSMETIKUM IN KAPSELFORM NACHFÜLLBARES KOMPAKTES GEHÄUSE MIT LUFTDICHTER STRUKTUR

Title (fr)

BOÎTIER COMPACT PRÉSENTANT UNE STRUCTURE ÉTANCHE À L'AIR RECHARGEABLE AVEC UN COSMÉTIQUE EN CAPSULE

Publication

**EP 3164031 A1 20170510 (EN)**

Application

**EP 15815307 A 20150424**

Priority

- KR 20140082331 A 20140702
- KR 2015004122 W 20150424

Abstract (en)

[origin: WO2016003061A1] A compact case having an airtight structure, refillable with a capsule cosmetic includes: a lower case having a hole and an elastic locking member on a bottom; an upper case connected to the lower case by a first hinge pin to be opened and closed; a capsule cosmetic for refilling including a capsule and a liquid cosmetic material impregnated in a porous pad within a capsule, sealed with a sealing member removed upon the first makeup application, and fitted in the hole of the lower case with a bottom of the capsule exposed to the outside and a locking groove on the capsule elastically detachably locked to the locking pins; an internal container having an inner wall and an outer wall for forming a fitting groove and disposed outside the capsule cosmetic; and a lid connected to the internal case by a second hinge pin to be opened and closed, having a puff seat on a top and a fitting rib, which is fitted in the fitting groove of the internal container, on a bottom, in which the capsule cosmetic and the lid are sealed by being elastically in close contact with sealing projections, respectively, on the inner wall and the outer wall of the internal container. Therefore, it is very simple to replace a capsule cosmetic in the lower case for refilling and the cosmetic material is not vaporized by the sealing structure, so it is possible to use the cosmetic, maintaining the quality of the cosmetic for a long period of time.

IPC 8 full level

**A45D 34/00** (2006.01)

CPC (source: EP KR US)

**A45D 33/008** (2013.01 - EP US); **A45D 33/24** (2013.01 - EP US); **A45D 34/00** (2013.01 - KR); **A45D 40/0068** (2013.01 - US); **A45D 40/222** (2013.01 - US); **A45D 42/02** (2013.01 - US); **B05C 1/02** (2013.01 - KR); **B65D 25/02** (2013.01 - KR); **B65D 25/10** (2013.01 - US); **B65D 43/16** (2013.01 - KR); **B65D 43/165** (2013.01 - US); **B65D 47/32** (2013.01 - US); **B65D 65/42** (2013.01 - KR); **A45D 2200/051** (2013.01 - KR)

Cited by

EP4298953A1; EP4070685A1; WO2022214474A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2016003061 A1 20160107**; CN 105407758 A 20160316; CN 105407758 B 20180608; EP 3164031 A1 20170510; EP 3164031 A4 20170712; EP 3164031 B1 20180404; JP 2016527972 A 20160915; JP 6046317 B2 20161214; KR 101466854 B1 20141128; US 2017127799 A1 20170511

DOCDB simple family (application)

**KR 2015004122 W 20150424**; CN 201580000352 A 20150424; EP 15815307 A 20150424; JP 2016531569 A 20150424; KR 20140082331 A 20140702; US 201514766619 A 20150424