

Title (en)

CAPSULE HAVING LIQUID SEALED THEREIN, AND SMOKING ARTICLE PROVIDED WITH SAID CAPSULE

Title (de)

KAPSEL MIT DARIN EINGESCHLOSSENER FLÜSSIGKEIT UND RAUCHARTIKEL MIT DIESER KAPSEL

Title (fr)

CAPSULES RENFERMANT UN LIQUIDE, ET ARTICLE À FUMER ÉQUIPÉ DE CES CAPSULES

Publication

**EP 2888959 A1 20150701 (EN)**

Application

**EP 13847733 A 20130926**

Priority

- JP 2012227822 A 20121015
- JP 2013076064 W 20130926

Abstract (en)

A capsule (22) suitable for a filter cigarette as a smoking article includes: a capsule body (24) that is formed to be elastically deformable in an substantially cylindrical shape, has an end wall (26) closing a front end and an open end (28) opening the other end, and accommodates a liquid thereinside; and a seal member (40) as a blocking wall closing the open end (28), wherein the end wall (26) is formed to be a recessed wall, and includes: an outer peripheral portion (32) provided on an outer periphery; a central portion (34) provided inward of the outer peripheral portion (32) to be more inwardly recessed than the outer peripheral portion (32); and multiple V-shaped grooves(36) radially arranged at the central portion (34) as a thin-walled region, and the bottom thickness of each V-shaped groove (36) is thinner than the thicknesses of the end wall (26) and the peripheral wall (30) of the capsule body (24).

IPC 8 full level

**A24D 3/04** (2006.01); **A24B 15/28** (2006.01); **A24D 3/06** (2006.01); **A24D 3/16** (2006.01); **B65D 17/28** (2006.01)

CPC (source: CN EP KR US)

**A24B 15/283** (2013.01 - EP US); **A24D 3/0216** (2013.01 - KR); **A24D 3/0291** (2013.01 - KR); **A24D 3/04** (2013.01 - CN EP US); **A24D 3/048** (2013.01 - CN EP US); **A24D 3/061** (2013.01 - EP KR); **A24D 3/163** (2013.01 - CN EP)

Cited by

CN108303344A; EP3434455A1; IT201700085374A1; US11632984B2

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)

**EP 2888959 A1 20150701**; **EP 2888959 A4 20160406**; **EP 2888959 B1 20181107**; CN 104780793 A 20150715; CN 104780793 B 20190514; EA 028797 B1 20171229; EA 201590743 A1 20150730; JP 5885318 B2 20160315; JP WO2014061415 A1 20160905; KR 101888327 B1 20180813; KR 20150043493 A 20150422; KR 20180001571 A 20180104; MY 171715 A 20191024; TW 201431504 A 20140816; TW I491363 B 20150711; UA 111051 C2 20160310; WO 2014061415 A1 20140424

DOCDB simple family (application)

**EP 13847733 A 20130926**; CN 201380053857 A 20130926; EA 201590743 A 20130926; JP 2013076064 W 20130926; JP 2014542011 A 20130926; KR 20157006853 A 20130926; KR 20177036714 A 20130926; MY PI2015700955 A 20130926; TW 102136481 A 20131009; UA A201504697 A 20130926