

Title (en)

VIAL WITH NECK FOR A LIQUID PRODUCT

Title (de)

FLAKON MIT HALS FÜR EIN FLÜSSIGES PRODUKT

Title (fr)

FLACON A COL POUR PRODUIT LIQUIDE

Publication

EP 3253496 B1 20190508 (FR)

Application

EP 16705255 A 20160203

Priority

- FR 1550840 A 20150203
- FR 2016050228 W 20160203

Abstract (en)

[origin: WO2016124859A1] The present invention concerns a vial (1) with a neck for a liquid product with an external shape, comprising: - a part made from glass (2), said part made from glass (2) comprising an annular assembly surface (22); - a rigid part (3) having an annular assembly surface (32); - a neck (4) formed on the part made from glass (2) or the rigid part (3); - a neck (5) providing a fluid seal either between the annular assembly surface (32) of the part made from glass (2) and the annular assembly surface (32) of the rigid part (3), or between the annular assembly surface (22) of the part made from glass (22) and a sealing band (7), the sealing band (7) being rigidly connected to the annular assembly surface (32) of the rigid part (3), thus providing the fluid seal, the part made from glass (2), the rigid part (3) and the neck (4) giving the vial (1) the external shape of same.

IPC 8 full level

B05B 11/00 (2006.01)

CPC (source: CN EP US)

A45D 34/02 (2013.01 - CN EP US); **B05B 11/1043** (2023.01 - US); **B05B 11/1047** (2023.01 - CN EP US); **B05B 11/1084** (2023.01 - CN EP US); **B65D 15/02** (2013.01 - US); **B65D 25/04** (2013.01 - US); **B05B 11/0037** (2013.01 - CN EP US); **B05B 11/0078** (2013.01 - CN)

Citation (examination)

- WO 2016020620 A1 20160211 - VUITTON LOUIS SA [FR]
- US 2009159553 A1 20090625 - HOFFMANN HANS-RAINER [DE], et al

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)

FR 3032187 A1 20160805; FR 3032187 B1 20181012; BR 112017016600 A2 20180410; BR 112017016600 B1 20210202;
CN 107404990 A 20171128; CN 107404990 B 20201103; EP 3253496 A1 20171213; EP 3253496 B1 20190508; US 11019907 B2 20210601;
US 2018014623 A1 20180118; WO 2016124859 A1 20160811

DOCDB simple family (application)

FR 1550840 A 20150203; BR 112017016600 A 20160203; CN 201680010695 A 20160203; EP 16705255 A 20160203;
FR 2016050228 W 20160203; US 201615548344 A 20160203