

Title (en)

Vial with a neck of large diameter and with a cap with tamper-evident band

Title (de)

Fläschchen mit einem Hals grossen Durchmessers und mit einer Kappe mit Originalitätsband

Title (fr)

Flacon à col de grand diamètre avec un bouchon à bande d'inviolabilité

Publication

EP 0899204 A1 19990303 (FR)

Application

EP 98402044 A 19980812

Priority

FR 9710662 A 19970826

Abstract (en)

The container has a large-diameter neck (5), typically between 4 and 20 cm, and a lid with a skirt having an internal thread matching that (9a,9b,9c) on the container neck. The neck has a zone (21) with a series of notches (22) separated by projections (24), and the lid has a tamperproof ring which is connected to its skirt by bridges that are broken when the ring is first removed to allow the lid to be opened. The projections and notches on the container neck engage with teeth on the inside of the tamperproof ring and fix it in position so that the bridges break when the lid is unscrewed. In addition, the rim of the container has an inclined lip to receive a seal which has to be opened on first use.

Abstract (fr)

Contenant du type comprenant un flacon et un bouchon, le flacon présentant un col de grand diamètre, typiquement compris entre 4 et 20 centimètres, ce col présentant une lèvre (10) permettant la solidarisation d'un opercule de fermeture et formant en outre portée d'étanchéité, le bouchon comportant de plus une bande d'inviolabilité, l'ensemble présentant une inviolabilité et une étanchéité améliorée. <IMAGE>

IPC 1-7

B65D 41/34; B65D 51/20

IPC 8 full level

B65D 41/34 (2006.01)

CPC (source: EP)

B65D 41/3409 (2013.01)

Citation (search report)

- [XY] WO 9726941 A1 19970731 - GAMBRO AB [SE]
- [YA] FR 2581368 A1 19861107 - WEISCHEDE FRIEDRICH [DE]
- [A] GB 2269372 A 19940209 - LAWSON MARDON [GB]
- [A] WO 9602431 A1 19960201 - PORTOLA PACKAGING INC [US]
- [A] EP 0242475 A2 19871028 - CAP SNAP CO [US]
- [A] FR 2185335 A5 19731228 - LOVIDA AG [CH]

Cited by

CN1323905C; CN114174186A; US7156247B2; US6948631B2; WO2004024586A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0899204 A1 19990303; EP 0899204 B1 20051012; AT E306434 T1 20051015; DE 69831839 D1 20060223; FR 2767792 A1 19990305; FR 2767792 B1 19991015

DOCDB simple family (application)

EP 98402044 A 19980812; AT 98402044 T 19980812; DE 69831839 T 19980812; FR 9710662 A 19970826