

Title (en)

Closure cap for a drug vessel with closed shaped container neck

Title (de)

Verschlusskappe für einen Medikamentenbehälter mit geschlossen ausgebildetem Behälterhals

Title (fr)

Capuchon de fermeture d'un récipient pour médicaments avec un goulot façonné fermé

Publication

EP 1010635 B1 20040303 (DE)

Application

EP 99124158 A 19991202

Priority

DE 19858715 A 19981218

Abstract (en)

[origin: EP1010635A2] Closure cap is provided with at least one chamber (13, 13') which is formed integrally with its lid section, protrudes from the outer surface (14) of the lid section and holds a sealing element (17, 17'). The sealing surface (16, 16') of the sealing element facing the top surface (15) of the container neck (4) only slightly protrudes beyond the inside surface of the cap lid section.

IPC 1-7

B65D 51/00; **A61J 1/00**

IPC 8 full level

A61J 1/00 (2006.01); **A61J 1/14** (2006.01); **B65D 51/00** (2006.01); **A61J 1/20** (2006.01)

CPC (source: EP)

A61J 1/1406 (2013.01); **A61J 1/1418** (2015.05); **A61J 1/1431** (2015.05); **A61J 1/1475** (2013.01); **B65D 51/002** (2013.01)

Citation (examination)

- DE 19539897 A1 19970320 - POHL GMBH [DE]
- FR 1325077 A 19630426
- DE 4425433 C1 19960229 - FRESENIUS AG [DE]

Cited by

US2018055734A1; US8211081B2; ITBO20080475A1; CN110420120A; US11351090B2; JP2008516707A; DE102004051300B3; AU2005297511B2; DE102004051300C5; EA009498B1; JPWO2017209250A1; US8181801B2; WO2015166134A1; WO2017209250A1; WO2006042579A1; WO2013068636A1; US10335792B2; DE102016003253A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

EP 1010635 A2 20000621; **EP 1010635 A3 20010502**; **EP 1010635 B1 20040303**; **EP 1010635 B2 20071024**; DE 19858715 A1 20000629; DE 19858715 B4 20040812; DE 29824812 U1 20020912; DE 59908724 D1 20040408

DOCDB simple family (application)

EP 99124158 A 19991202; DE 19858715 A 19981218; DE 29824812 U 19981218; DE 59908724 T 19991202