

Title (en)

Flip closure for sealing a container

Title (de)

Klappverschluss zum Verschließen eines Behälters

Title (fr)

Fermeture pivotable pour fermer un récipient

Publication

EP 2489602 A1 20120822 (EN)

Application

EP 11154509 A 20110215

Priority

EP 11154509 A 20110215

Abstract (en)

A flip closure (10) for sealing a container comprises: - a first part (12) with an outer circumferential first sealing element (22), and - a second part (14) with an outer circumferential second sealing element (24), - the first part (12) connected to the second part (14) by a hinge (16) which allows rotational movement of one of the two parts (12,14) around an axis (17) into an open or a closed position of the flip closure (10), the first sealing element (22) providing, in the closed position, a form-fit with the second sealing element (24), - the second sealing element (24) being divided into a hinge region (26) and a non-hinge region (28), and having, in said non-hinge region, a height (30) greater than the height in the hinge region.

IPC 8 full level

B65D 47/08 (2006.01)

CPC (source: EP US)

B65D 55/16 (2013.01 - EP US); **B65D 2251/105** (2013.01 - EP US)

Citation (applicant)

US 2009314792 A1 20091224 - LENZ FRANZ [DE], et al

Citation (search report)

- [X] FR 2900909 A1 20071116 - BERICAP SARL [FR]
- [X] FR 2392894 A1 19781229 - SHELL INT RESEARCH [NL]
- [X] WO 2010145720 A1 20101223 - UNILEVER PLC [GB], et al
- [X] US 2005145655 A1 20050707 - GIBLIN EDWARD J [US], et al
- [X] US 2008245795 A1 20081009 - BERGE GARY L [US]
- [A] US 6367670 B1 20020409 - WARNER JIM F [US], et al
- [A] US 5509582 A 19960423 - ROBBINS III EDWARD S [US]

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 2489602 A1 20120822; US 2012205377 A1 20120816

DOCDB simple family (application)

EP 11154509 A 20110215; US 201213396973 A 20120215