

Title (en)  
BOTTLE CAP

Title (de)  
FLASCHENVERSCHLUSS

Title (fr)  
CAPSULE DE BOUTEILLE

Publication  
**EP 2326564 A4 20120620 (EN)**

Application  
**EP 09816634 A 20090604**

Priority  
• US 2009046211 W 20090604  
• US 9932808 P 20080923  
• US 47647509 A 20090602

Abstract (en)  
[origin: US2010072163A1] A cap for sealing a container having a neck includes an annular outer skirt having an inner surface and an outer surface, a top portion of the outer skirt forming an annular rim. A generally concave top wall extends inwardly from and below a plane defined by the rim, the top wall having a top face and a bottom face. An annular inner skirt extends downward from the top wall bottom face and disposed radially inward from and concentric with the outer skirt, wherein the inner skirt is configured to sealingly engage with an inner surface of the container neck when the cap is attached thereto.

IPC 8 full level  
**B65D 41/00** (2006.01); **B65D 51/24** (2006.01)

CPC (source: EP KR US)  
**B65D 41/0414** (2013.01 - EP KR US); **B65D 51/245** (2013.01 - EP KR US); **B65D 55/0854** (2013.01 - EP KR US); **B65D 85/72** (2013.01 - KR); **C08L 23/10** (2013.01 - KR); **B65D 2203/00** (2013.01 - KR)

Citation (search report)  
• [XY] US 3661289 A 19720509 - SEGMULLER BRUNO [CH]  
• [Y] FR 2478034 A1 19810918 - SCHEIDEGGER ALBERT [FR]  
• [Y] EP 0336269 A1 19891011 - ALPLAST SPA [IT]  
• [Y] EP 0239238 A1 19870930 - GRACE W R & CO [US]  
• [A] EP 1099526 A1 20010516 - GEFIT SPA [IT]  
• See references of WO 2010036416A1

Designated contracting state (EPC)  
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 SE SI SK TR

DOCDB simple family (publication)  
**US 2010072163 A1 20100325**; AU 2009296985 A1 20100401; AU 2009296985 B2 20141204; BR PI0913735 A2 20151013; BR PI0913735 B1 20190212; CA 2734996 A1 20100401; CA 2734996 C 20161101; CL 2011000588 A1 20110909; CN 102164826 A 20110824; CN 105083725 A 20151125; CO 6382148 A2 20120215; EC SP11010936 A 20110429; EP 2326564 A1 20110601; EP 2326564 A4 20120620; EP 2990349 A1 20160302; EP 2990349 B1 20170906; ES 2641523 T3 20171110; IL 211334 A0 20110428; IL 211334 A 20150531; JP 2012503575 A 20120209; KR 102086520 B1 20200309; KR 20110063480 A 20110610; KR 20160054036 A 20160513; KR 20170075810 A 20170703; KR 20190121881 A 20191028; MX 2011002926 A 20110411; PE 20110436 A1 20110624; PT 2990349 T 20171017; SG 194343 A1 20131129; US 2012273450 A1 20121101; US D677160 S 20130305; US D688128 S 20130820; US D688129 S 20130820; US D688555 S 20130827; US D688556 S 20130827; US D691046 S 20131008; WO 2010036416 A1 20100401; ZA 201102129 B 20111130

DOCDB simple family (application)  
**US 47647509 A 20090602**; AU 2009296985 A 20090604; BR PI0913735 A 20090604; CA 2734996 A 20090604; CL 2011000588 A 20110318; CN 200980138127 A 20090604; CN 201510403057 A 20090604; CO 11035437 A 20110323; EC SP11010936 A 20110330; EP 09816634 A 20090604; EP 15155485 A 20090604; ES 15155485 T 20090604; IL 21133411 A 20110221; JP 2011527846 A 20090604; KR 20117006634 A 20090604; KR 20167011391 A 20090604; KR 20177017093 A 20090604; KR 20197030893 A 20090604; MX 2011002926 A 20090604; PE 2011000666 A 20110322; PT 15155485 T 20090604; SG 2013068994 A 20090604; US 2009046211 W 20090604; US 201213455711 A 20120425; US 201229418229 F 20120413; US 201229436671 F 20121108; US 201229436675 F 20121108; US 201229436686 F 20121108; US 201229436689 F 20121108; US 201229436691 F 20121108; ZA 201102129 A 20110322