

Title (en)
Multiple use universal stopper

Title (de)
Universeller Mehrzweckstopfen

Title (fr)
Bouchon universel à utilisations multiples

Publication
EP 0960616 A3 20000426 (EN)

Application
EP 99103563 A 19990224

Priority
US 8009198 A 19980516

Abstract (en)
[origin: EP0960616A2] A multiple use universal closure assembly designed for use in various containers (10) having receiving means for assessing to the content of the container (10). The multiple use universal closure assembly comprising an elastomeric membrane capable of being ruptured by an external access means such as a luer connector or a syringe having a sharp or blunt cannula or a sharp or blunt spike for fluid communication between the content of the container (10) and the access means. The elastomeric membrane reseals itself after being ruptured by an external access means. <IMAGE>

IPC 1-7
A61J 1/20

IPC 8 full level
A61J 1/00 (2006.01); **A61J 1/05** (2006.01); **A61J 1/14** (2006.01); **A61J 1/20** (2006.01); **B65D 39/04** (2006.01); **B65D 47/06** (2006.01); **B65D 51/00** (2006.01); **B65D 51/18** (2006.01)

CPC (source: EP)
A61J 1/1406 (2013.01); **A61J 1/1425** (2015.05); **A61J 1/1481** (2015.05); **A61J 1/1487** (2015.05); **A61J 1/2096** (2013.01); **B65D 51/002** (2013.01); **A61J 1/1468** (2015.05); **A61J 1/2044** (2015.05); **A61J 1/2055** (2015.05)

Citation (search report)

- [XAY] US 2906423 A 19590929 - ROLAND SANDHAGE ELLSWORTH
- [YA] BE 644623 A 19640701
- [A] FR 1325077 A 19630426
- [A] WO 9626681 A1 19960906 - MIGADA INC [US], et al
- [A] US 5060812 A 19911029 - OGLE II GEORGE B [US]
- [A] WO 9403373 A1 19940217 - WEST CO [US]

Cited by
FR2939110A1; EP3050586A1; EP1384466A1; CN112672733A; USD923812S; US9795536B2; US10806671B2; WO2014126593A1; WO2020044106A3; US11903902B2; USD903864S; US10945921B2; US10576020B2; US10646404B2; US10195112B2; US10806667B2; USD956958S; US9668939B2; US10751252B2; US9801786B2; USD833006S; USD917693S; US10744317B2; USD923782S; US10357429B2; US11918542B2; US9943463B2; USD832430S; US10278897B2; US9549873B2; US10532005B2; US10966903B2; US10773067B2; US10857068B2; US11642285B2; US10195350B2; US10285907B2; US10688295B2; US11166876B2; WO02056821A3; WO2017147233A3; WO2021216821A1; WO2016166197A1; US9669165B2; US9815601B2; US9839580B2; US10299990B2; US11090226B2; US9180070B2; US10765604B2; US10772797B2; US10772798B2; USD954253S; US11484470B2; US11786443B2; US11786442B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0960616 A2 19991201; **EP 0960616 A3 20000426**; **EP 0960616 B1 20040908**; CA 2262477 A1 19991116; CA 2262477 C 20080212; DE 69919935 D1 20041014; DE 69919935 T2 20050915; JP 4288742 B2 20090701; JP H11321916 A 19991124

DOCDB simple family (application)
EP 99103563 A 19990224; CA 2262477 A 19990222; DE 69919935 T 19990224; JP 7326399 A 19990318