

Title (en)
BOTTLE COVER ASSEMBLY

Title (de)
ABDECKUNGSANORDNUNG FÜR EINE FLASCHE

Title (fr)
ENSEMBLE COUVERCLE DE BOUTEILLE

Publication
EP 2489603 A1 20120822 (EN)

Application
EP 09850427 A 20091105

Priority
• KR 20090097928 A 20091014
• KR 2009006473 W 20091105

Abstract (en)
The invention relates to a stopper assembly, and more particularly, to an improved stopper to prevent a sloshing of an its liquefied content when a bottle is tilted to allow a predetermined amount of the content to be poured and to allow the content to be easily discharged. A stopper assembly includes a inner cap 20 coupled to an inlet of a bottle 10, an outer cap 30 coupled openly and closely to an outer side of the inner cap 20 to seal the inlet of the bottle 10, wherein the inner cap 20 includes a cylindrical shaped body 21 coupled to the inlet of the bottle 10, a protrusion 22 forming slope 22a extending toward a center of an upper side of the body 21 from an edge of an lower end of the body 21 and forming an plurality of exit holes 22b around the slope 22a

IPC 8 full level
B65D 47/04 (2006.01)

CPC (source: EP KR US)
B65D 47/043 (2013.01 - EP US); **B65D 47/06** (2013.01 - KR); **B65D 47/12** (2013.01 - KR); **B65D 51/18** (2013.01 - KR)

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 SM TR

DOCDB simple family (publication)
WO 2011046251 A1 20110421; CN 102574614 A 20120711; EP 2489603 A1 20120822; EP 2489603 A4 20130227; JP 2013508226 A 20130307; KR 101119441 B1 20120316; KR 20110040593 A 20110420; US 2012152884 A1 20120621

DOCDB simple family (application)
KR 2009006473 W 20091105; CN 200980161424 A 20091105; EP 09850427 A 20091105; JP 2012534086 A 20091105; KR 20090097928 A 20091014; US 200913394115 A 20091105