

Title (en)
BOTTLE CAP

Title (de)
FLASCHENVERSCHLUSSKAPPE

Title (fr)
BOUCHON DE BOUTEILLE

Publication
EP 1833735 A1 20070919 (EN)

Application
EP 05799088 A 20051025

Priority
• JP 2005019944 W 20051025
• JP 2004309521 A 20041025

Abstract (en)
[origin: WO2006046725A1] A bottle cap includes a cylindrical body (1) to be attached to a mouth portion of a bottle, which provides a passage (1a) to communicate with an interior space of the bottle, and a lid body (2) detachably attached to the cylindrical body (1), for closing an outlet end of the passage (1a). The passage (1a) is provided with a dome-shaped bottom wall (3) having a peripheral portion that projects towards the outlet end of cylindrical body (1). The lid body (2) has a top wall and an inner wall adapted to fit with a peripheral portion of the bottom wall (3) to form a closed chamber (M) within the cap for storing an ingredient to be mixed with the content in the interior space of the bottle. The chamber (M) is opened when the lid body (2) is detached from the cylindrical body (1).

IPC 8 full level
B65D 51/28 (2006.01)

CPC (source: EP KR)
B65D 25/08 (2013.01 - KR); **B65D 51/28** (2013.01 - KR); **B65D 51/2864** (2013.01 - EP); **B65D 81/32** (2013.01 - KR)

Citation (search report)
See references of WO 2006046725A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006046725 A1 20060504; AR 051645 A1 20070131; AU 2005297839 A1 20060504; AU 2005297839 B2 20111208; BR PI0516964 A 20080930; CA 2584647 A1 20060504; CN 101052572 A 20071010; EP 1833735 A1 20070919; JP 2006117305 A 20060511; KR 20070084530 A 20070824; MX 2007004949 A 20070612; RU 2007119372 A 20081127; RU 2397933 C2 20100827; TW 200628370 A 20060816; ZA 200704003 B 20080925

DOCDB simple family (application)
JP 2005019944 W 20051025; AR P050104443 A 20051024; AU 2005297839 A 20051025; BR PI0516964 A 20051025; CA 2584647 A 20051025; CN 200580036573 A 20051025; EP 05799088 A 20051025; JP 2004309521 A 20041025; KR 20077011765 A 20070523; MX 2007004949 A 20051025; RU 2007119372 A 20051025; TW 94137343 A 20051025; ZA 200704003 A 20070517