

Title (en)  
BOTTLE CAP

Title (de)  
FLASCHENVERSCHLUSSKAPPE

Title (fr)  
CAPSULE DE BOUTEILLE

Publication  
**EP 1732821 A1 20061220 (EN)**

Application  
**EP 05726308 A 20050202**

Priority  

- KR 2005000310 W 20050202
- KR 20040006676 A 20040202
- KR 20040021254 A 20040329
- KR 20040041543 A 20040607
- KR 20040109075 A 20041220

Abstract (en)  
[origin: US2007170142A1] A bottle cap, fastened to a bottle body having a mouth with an external thread formed around the outer circumferential surface of the mouth, is disclosed. The bottle cap includes an opening unit inserted into the mouth and open at upper and lower ends thereof, with a cutting unit provided in a lower portion of the opening unit; an additive storage container having a main cap fastened to the mouth, and an additive storage part inserted into the opening unit, with a recess provided at the lower end of the additive storage part to receive therein the cutting unit, and a breakable part integrated with the lower end of the additive storage part to be cut by the cutting unit during rotation; and an upper cap which opens or closes the upper end of the additive storage container.

IPC 8 full level  
**B65D 51/28** (2006.01)

CPC (source: EP US)  
**B65D 51/2828** (2013.01 - EP US); **B65D 51/2835** (2013.01 - EP US)

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2007170142 A1 20070726**; AU 2005207803 A1 20050811; BR PI0507261 A 20070626; CA 2554251 A1 20050811; EP 1732821 A1 20061220; EP 1732821 A4 20080319; JP 2007522036 A 20070809; MX PA06008661 A 20070214; WO 2005073103 A1 20050811

DOCDB simple family (application)  
**US 59852505 A 20050202**; AU 2005207803 A 20050202; BR PI0507261 A 20050202; CA 2554251 A 20050202; EP 05726308 A 20050202; JP 2006552045 A 20050202; KR 2005000310 W 20050202; MX PA06008661 A 20050202