

Title (en)  
CLOSURE WITH INTEGRAL GAS BARRIER

Title (de)  
VERSCHLUSS MIT INTEGRALER GASSPERRE

Title (fr)  
FERMETURE COMPRENANT UNE BARRIERE AUX GAZ INTEGREE

Publication  
**EP 1730045 A1 20061213 (EN)**

Application  
**EP 05729047 A 20050324**

Priority  
• GB 2005001109 W 20050324  
• GB 0406630 A 20040324

Abstract (en)  
[origin: WO2005092728A1] A cap (2) suitable for use with a PET beverage bottle has an integral gas barrier provided by a plastics-coated aluminium foil disc (30) having its peripheral edge (32) embedded into the plastics internal or external surface (40) of a top panel (4) of the cap or of a valve (20). A plastics component (28) from which the cap (2) can be produced is described. The component (28) has a recess (48) defined by a sacrificial wall (50) formed inwardly of a resealing valve (20).

IPC 8 full level  
**B65D 41/04** (2006.01); **B65D 41/32** (2006.01)

CPC (source: EP GB US)  
**B65D 41/0407** (2013.01 - EP US); **B65D 41/0414** (2013.01 - EP US); **B65D 41/045** (2013.01 - EP US); **B65D 41/325** (2013.01 - EP US); **B65D 51/00** (2013.01 - GB); **B65D 53/04** (2013.01 - GB)

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)  
**WO 2005092728 A1 20051006**; AU 2005225604 A1 20051006; AU 2005225604 B2 20100729; CN 1934006 A 20070321; CN 1934006 B 20100512; EP 1730045 A1 20061213; GB 0406630 D0 20040428; GB 0506128 D0 20050504; GB 2412366 A 20050928; GB 2412366 B 20060906; GB 2412368 A 20050928; GB 2412368 B 20060830; MX PA06010858 A 20070725; NZ 550125 A 20090828; US 2008035600 A1 20080214; ZA 200607585 B 20071227

DOCDB simple family (application)  
**GB 2005001109 W 20050324**; AU 2005225604 A 20050324; CN 200580009227 A 20050324; EP 05729047 A 20050324; GB 0406630 A 20040324; GB 0506128 A 20050324; MX PA06010858 A 20050324; NZ 55012505 A 20050324; US 59924905 A 20050324; ZA 200607585 A 20050324