

Title (en)  
Tamper-evident closure

Title (de)  
Garantieverschluss

Title (fr)  
Fermeture inviolable

Publication  
**EP 0916587 B1 20010627 (DE)**

Application  
**EP 98114269 A 19980730**

Priority  
US 96123597 A 19971030

Abstract (en)  
[origin: EP0916587A1] The screw cap has a guarantee ring (26) which becomes separated from the cap (11) when the bottle is opened. Tabs (39) contact the underside of a bulge (34) on the neck of the bottle so that they cannot bend radially inwards more than to a certain extent, so that they come directly into use when the cap is unscrewed. The turning axis of the tabs may lie either radially inside their inner edge, or in a common vertical plane.

IPC 1-7  
**B65D 41/34**

IPC 8 full level  
**B65D 41/34** (2006.01)

CPC (source: EP US)  
**B65D 41/3428** (2013.01 - EP US); **B65D 41/3447** (2013.01 - EP US); **B65D 2401/20** (2020.05 - EP US)

Citation (examination)

- EP 0872429 A1 19981021 - S B E C M SARL [FR]
- EP 0861792 A1 19980902 - OWENS ILLINOIS CLOSURE INC [US]

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

DOCDB simple family (publication)  
**EP 0916587 A1 19990519; EP 0916587 B1 20010627**; AT E202530 T1 20010715; BR 9800599 A 19990615; DE 59803831 D1 20020523; EP 1092640 A1 20010418; LT 4536 B 19990825; LT 98119 A 19990525; PE 49199 A1 19990609; US 5979682 A 19991109; US 5992661 A 19991130

DOCDB simple family (application)  
**EP 98114269 A 19980730**; AT 98114269 T 19980730; BR 9800599 A 19980211; DE 59803831 T 19980730; EP 00125667 A 19980730; LT 98119 A 19980820; PE 00062798 A 19980715; US 18411998 A 19981102; US 96123597 A 19971030