

Title (en)  
Tamper resistant closure cap for containers

Title (de)  
Originalitätsverschluss für Behälter

Title (fr)  
Bouchon inviolable pour la fermeture de récipients

Publication  
**EP 0390412 B2 19990310 (EN)**

Application  
**EP 90303030 A 19900321**

Priority  
GB 8906797 A 19890323

Abstract (en)  
[origin: EP0390412A1] A TR closure of plastics material for application to a standard form of container with a projecting neck ring as herein defined. The closure has a top (7), an annular skirt (8) depending from the top, a TR band (10) connected to the skirt by frangible means (11) and an annular expandable or adjustable safety flap (12) adapted when in operative position to engage with the underside of the neck (4) ring of the container.

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

IPC 8 full level  
**B65D 49/12** (2006.01); **B65D 41/34** (2006.01)

CPC (source: EP)  
**B65D 41/3428** (2013.01)

Cited by  
WO0056618A1; EP0683106A1; CN1043869C; LU90375B1; AU769899B2; AU772192B2; AU772192C; US5727705A; EP0635434A1; US6109464A; FR2692555A1; EP0801006A3; KR20210002658U; FR2890943A1; US5775527A; AU697765B2; CN1065495C; US6464093B1; WO9822361A1; WO2007034076A1; US6371317B1; US6673298B2; US6491175B1; US6640988B2; US6626310B2; US7344039B2; WO9414673A1; WO2021252996A1; WO9624532A1

Designated contracting state (EPC)  
BE CH DE DK FR GB LI NL SE

DOCDB simple family (publication)  
**EP 0390412 A1 19901003; EP 0390412 B1 19940302; EP 0390412 B2 19990310**; AU 5215490 A 19900927; AU 634759 B2 19930304; CA 2012644 A1 19900923; CA 2012644 C 20020514; DE 69006879 D1 19940407; DE 69006879 T2 19940609; DE 69006879 T3 20000531; GB 8906797 D0 19890510; JP H0356257 A 19910311; ZA 902206 B 19910130

DOCDB simple family (application)  
**EP 90303030 A 19900321**; AU 5215490 A 19900322; CA 2012644 A 19900320; DE 69006879 T 19900321; GB 8906797 A 19890323; JP 7224090 A 19900323; ZA 902206 A 19900322