Title (en)
Plug for tubular container

Title (de)
Stopfen für rohrförmige Verpackung

Title (fr)
Bouchon pour conditionnement tubulaire

Publication
EP 1236654 A1 20020904 (FR)

Application
EP 02354037 A 20020227

Priority
FR 0102734 A 20010228

Abstract (en)
The sealing cap (4) comprises a small collar (41) which is engaged in the tube and fixed there by clips. It has a bottom (42) for sealing the tube which can be removed from the collar by means of a gripping handle (44) and a rupture line (43).

Abstract (fr)
L'invention concerne un bouchon (4) d'obturation pour tube de conditionnement d'objets, comprenant une collerette (41) destinée à être engagée dans le tube et à y être fixée par des agrafes (3), et un fond (42) d'obturation du tube, le fond étant désoperculable de la collerette. <IMAGE>

IPC 1-7 (main, further and additional classification)
B65D 59/02; B65D 17/40; B65D 59/04

IPC 8 full level (invention and additional information)
B65D 17/40 (2006.01); **B65D 59/02** (2006.01); **B65D 59/04** (2006.01)

CPC (invention and additional information)
B65D 59/04 (2013.01); **B65D 17/4011** (2018.01); **B65D 59/02** (2013.01)

Citation (applicant)
US 4961511 A 19901009 - PILTZ LARS-ERIK [SE]

Citation (search report)
- [Y] US 4961511 A 19901009 - PILTZ LARS-ERIK [SE]
- [Y] US 2975888 A 19610321 - PAYNTON SR HAROLD G
- [A] US 4015711 A 19770405 - MASON HENRY L

Designated contracting state (EPC)
DE ES FR GB IT

EPO simple patent family
EP 1236654 A1 20020904; FR 2821334 A1 20020830; FR 2821334 B1 20030912; PL 352428 A1 20020909

INPADOC legal status

2010-02-17 [18D] APPLICATION DEEMED TO BE WITHDRAWN
- Effective date : 20090825

2007-10-03 [17Q] FIRST EXAMINATION REPORT
- Effective date : 20070829

2003-05-21 [AKX] PAYMENT OF DESIGNATION FEES
- Designated State(s) : DE ES FR GB IT

2003-04-23 [17P] REQUEST FOR EXAMINATION FILED
- Effective date : 20030221

2002-09-04 [AK] DESIGNATED CONTRACTING STATES:
- Kind Code of Ref Document : A1
- Designated State(s) : AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

2002-09-04 [AX] REQUEST FOR EXTENSION OF THE EUROPEAN PATENT TO:
- Free text : AL;LT;LV;MK;RO;SI