

Title (en)
SCREW-CAP WITH TAMPER-EVIDENT BAND

Publication
EP 0460557 A3 19911218 (DE)

Application
EP 91108998 A 19891120

Priority
CH 441188 A 19881128

Abstract (en)
[origin: EP0371920A2] The screw cap (1) is provided with a tamper-evident band (3) which is subdivided into two sections. A circumferential section (9) is connected firmly to the lower cap-edge while a complementary section (10) is designed to be tear-off and is connected to the lower cap-edge only via tear-off tabs (12). At one end of the fixed circumferential section (9) a predetermined breaking point (11) with an elastic slotted element is arranged on the tamper-evident band (3). <IMAGE>

IPC 1-7
B65D 41/34

IPC 8 full level
B65D 41/34 (2006.01)

CPC (source: EP)
B65D 41/3423 (2013.01); **B65D 41/3447** (2013.01); **B65D 2401/30** (2020.05); **B65D 2401/35** (2020.05)

Citation (search report)

- [X] FR 2457813 A1 19801226 - GRUSSEN JEAN
- [X] US 4550843 A 19851105 - NOLAN ROBERT L [US]
- [Y] DE 2439414 A1 19760304 - HOHENZOLLERN HUETTENVERWALT
- [A] US 4278180 A 19810714 - WILLIS WILBURN C
- [AD] EP 0154603 A1 19850911 - OBRIST AG CROWN [CH]
- [AD] EP 0281514 A1 19880907 - CROWN CORK AG [CH]
- [A] DE 3531508 A1 19870312 - SAIER E KUNSTSTOFFWERK GMBH [DE]
- [AD] US 4744479 A 19880517 - SCHOETTLI THEODOR [CH]

Cited by
EP0575987A3; JP5007893B1; FR2744988A1; CN1052205C; EP0870693A3; ES2142203A1; US9975669B2; USD833278S; US7077278B2;
EP0965533A1; WO9402371A1; WO9324386A1; US6308848B1; WO9958411A1

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

DOCDB simple family (publication)

EP 0460557 A2 19911211; EP 0460557 A3 19911218; EP 0460557 B1 19931020; AT E91264 T1 19930715; AT E96110 T1 19931115;
DE 58904871 D1 19930812; DE 58905985 D1 19931125; EP 0371920 A2 19900606; EP 0371920 A3 19901122; EP 0371920 B1 19930707;
ES 2041441 T3 19931116; ES 2045988 T3 19940116

DOCDB simple family (application)

EP 91108998 A 19891120; AT 89810883 T 19891120; AT 91108998 T 19891120; DE 58904871 T 19891120; DE 58905985 T 19891120;
EP 89810883 A 19891120; ES 89810883 T 19891120; ES 91108998 T 19891120