

Title (en)

THREADED CAP WITH EXTENDIBLE TAMPER-INDICATION BAND INDICATING FIRST UNSCREWING

Publication

EP 0459941 B1 19931013 (DE)

Application

EP 91810294 A 19910419

Priority

CH 145390 A 19900427

Abstract (en)

[origin: EP0459941A1] The tamper-indication band (3) of the threaded cap (1) has a predetermined breaking point (11), at which the entire height of the tamper-indication band may be separated. Adjacent to the predetermined breaking point, a preferably window-shaped relief aperture (12) is arranged, which improves the extendibility of the tamper-indication band when the cap is first unscrewed. The predetermined breaking point comprises at least two material bridges, a lower one of which is located at the lower edge of the threaded cap. When first screwed off, a flow of force is reached in the tamper-indication band, at which the relief aperture is no longer effective. <IMAGE>

IPC 1-7

B65D 41/34

IPC 8 full level

B65D 41/34 (2006.01)

CPC (source: EP)

B65D 41/3447 (2013.01); **B65D 2401/30** (2020.05); **B65D 2401/35** (2020.05)

Cited by

EP0564999A1; DE19730324A1; US5893474A; US6116451A; CN1064628C; EP0965533A1; WO9742091A1; WO9600172A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0459941 A1 19911204; **EP 0459941 B1 19931013**; AR 246911 A1 19941031; AT E95785 T1 19931015; AU 648546 B2 19940428; AU 7509991 A 19911107; BR 9101686 A 19911126; CA 2041078 A1 19911028; DE 59100477 D1 19931118; ES 2046033 T3 19940116; JP H04242555 A 19920831; NO 911503 D0 19910417; NO 911503 L 19911028; ZA 913157 B 19920129

DOCDB simple family (application)

EP 91810294 A 19910419; AR 31951991 A 19910424; AT 91810294 T 19910419; AU 7509991 A 19910418; BR 9101686 A 19910426; CA 2041078 A 19910424; DE 59100477 T 19910419; ES 91810294 T 19910419; JP 9661691 A 19910426; NO 911503 A 19910417; ZA 913157 A 19910426