

Title (en)
CLOSURE CAP FOR BOTTLES COMPRISING A TAMPER-PROOF ELEMENT

Publication
EP 0103050 B1 19861210 (DE)

Application
EP 82111883 A 19821221

Priority
DE 3233805 A 19820911

Abstract (en)
[origin: US4501373A] A closure cap, in particular for bottle-like containers, having an element assuring intactness, which is connected by tear strips with a cap portion and remains on the container after the closure has been opened for the first time by tearing the tear strips, characterized in that a separation seam separating the element assuring intactness from the cap portion has a first set of alternating segments disposed in zigzag fashion periodically about the circumference of the element insuring intactness and additionally has a second set of alternating segments similar to said first set and carried by the cap portion. The first and second sets of segments mesh with each other. Tear strips are carried by the cap jacket between the element insuring intactness and the cap portion. The first and second sets of segments mesh with one another and serve as a coupling means during closure. The segments of the separation seam may be embodied in a plurality of forms including an undulating form; a sawtooth-like form; in quadrilateral, square or rectangular form; a semitrapezoidal form; and a trapezoidal form.

IPC 1-7
B65D 41/34

IPC 8 full level
B65D 41/34 (2006.01)

CPC (source: EP US)
B65D 41/3452 (2013.01 - EP US)

Citation (examination)
• EP 0052804 A1 19820602 - CONSUMERS GLASS CO LTD [CA]
• EP 0080846 A1 19830608 - JOHNSEN JORGENSEN PLASTICS LTD [GB]

Cited by
US5913436A; EP0239180A3; CN1059400C; EP1757528A3; GB2247452A; GB2247452B; GB2228258A; GB2228258B; AU628852B2; WO9526910A1; WO03060314A1

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