

Title (en)
Improvements relating to bottle caps.

Title (de)
Verbesserte Flaschenkapsel.

Title (fr)
Améliorations concernant des capsules de bouteilles.

Publication
EP 0590908 A3 19941207 (EN)

Application
EP 93307634 A 19930921

Priority
GB 9220558 A 19920929

Abstract (en)
[origin: EP0590908A2] A cap (4) comprises a circular wall (6), a cylindrical side wall (8), and a tamper evident ring (10) secured to the wall (8) by fracturable tabs. The interior of the wall is threaded (12), which in the preferred embodiment is three-start. Uniformly spaced around the ring (10) are three location formations (14), so arranged that the distance X between each pair of formations as measured between outer tangents thereto is approximately the same as, or slightly smaller than, the diameter Y in the corresponding part of the cylindrical wall from which the formations (10) extend. The caps may be fed in serial array, and by utilising a guide means which is engaged by the location means, each cap may be fed in turn over the neck of a filled bottle with the cap and neck in axial alignment, and with the threads of the cap in a known, desired relationship with the threads of the neck, and by pressure alone the cap may be fitted onto the neck so as to be of in sealing engagement therewith.

IPC 1-7
B65D 55/08; **B65D 49/12**

IPC 8 full level
B65D 41/04 (2006.01); **B65D 41/34** (2006.01)

CPC (source: EP)
B65D 41/0471 (2013.01); **B65D 41/34** (2013.01)

Citation (search report)

- [Y] DE 1757325 B2 19761028
- [YA] CH 676226 A5 19901228 - ALFATECHNIC AG
- [A] GB 1566769 A 19800508 - SCHEIDEGGER ALBERT

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

DOCDB simple family (publication)
EP 0590908 A2 19940406; **EP 0590908 A3 19941207**; GB 2271103 A 19940406; GB 2271103 B 19960131; GB 9220558 D0 19921111

DOCDB simple family (application)
EP 93307634 A 19930921; GB 9220558 A 19920929