

Title (en)

Cap closure and plastics necked container assembly, and its use.

Title (de)

Kombination von Verschlusskappe und einem flaschenförmigen Behälter aus Kunststoff und ihre Verwendung.

Title (fr)

Ensemble d'une capsule à ouverture et d'un récipient à goulot en matière plastique, et son utilisation.

Publication

EP 0410913 B1 19940824 (FR)

Application

EP 90420358 A 19900725

Priority

FR 8910455 A 19890728

Abstract (en)

[origin: JPH03187855A] PURPOSE: To provide a device having a cap with a specified defining position in respect to a tube by a method wherein each of means for longitudinal insertion, snap-on means and sealing means on the base and the neck carries out an insertion of a full cross-sectional part, a forced insertion of the sealing means into the neck and the snap-on operation to cause the base to be pushed onto the neck. CONSTITUTION: A cap base 4 is well centered and pushed onto a neck of container due to the fact that its edge 20 is slid with a certain clearance being left around a guide portion 8. Then, a fin 18 is gradually widened and its biting into the top part of the lock section 9 is started. Fitting of the fin is facilitated with a chamfered section 10 and it reaches the maximum biting force or it is reaching this value. Then, biting of the biting fin 18 at the lock section 9 is carried out well when a forced insertion of the sealing ring 16 into an orifice 6 is promoted and an inserting force caused by the snap-on effect is not yet produced. Lastly, the sealing ring 16 is well fitted into the orifice 6 and the biting fin 18 merely performs a sliding motion within either the recess or the slit and the pushing of the cap base 4 into the neck 2 can be carried out smoothly.

IPC 1-7

B65D 47/08; **B65D 47/04**; **B67B 3/22**

IPC 8 full level

B65D 47/08 (2006.01); **B67B 3/22** (2006.01)

CPC (source: EP US)

B65D 47/0838 (2013.01 - EP US); **B67B 3/22** (2013.01 - EP US); **B65D 2251/04** (2013.01 - EP US); **B65D 2255/20** (2013.01 - EP US)

Cited by

EP0694334A1; EP0544381A3; FR2807401A1; CN104787711A; EP0633197A1; FR2707256A1; ES2068744A2; EP0626320A3; FR2682079A1; US5435112A; JPH0858828A; WO9307069A1; EP2958457A1

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