

Title (en)

Bottle , bottle closure, method and machine for cold-aseptic beverage filling

Title (de)

Flasche, Flaschenverschlusskappe, Verfahren und Maschine zum kaltaseptischen Befüllen mit Getränken

Title (fr)

bouteille, capuchon de bouteille, procédé et machine pour le remplissage aseptique, à froid des boissons

Publication

EP 0857662 B1 20020116 (DE)

Application

EP 97102090 A 19970210

Priority

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Abstract (en)

[origin: EP0857662A1] The small bottle (8) or can (1) is aseptically filled with cold drink by a filling machine. The machine-operated seal (6) for use during the filling operation and in addition to the one (5) hand-opened by the user, can have one or more non-return shutters. These are either elastic or separately spring-loaded, and which are thrust open in the inwards direction by a boss or filler pipe on the machine. Alternatively it can comprise an opening squeezed, welded or glued shut by the machine, and typically contained in a tube protruding outwards. A cover can be provided, protruding outwards from the opening edge and deflected against the edge for welding or gluing to it.

IPC 1-7

B65D 47/00; B65B 51/14; B65B 55/10

IPC 8 full level

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CPC (source: EP)

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