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[SS 7] ..fiepodoc

 Database: EPODOC

[EPODOC: SS 7] lid and ring and tamper and securit+

Results in EPODOC 5

[SS 8] ..li pn ti ab

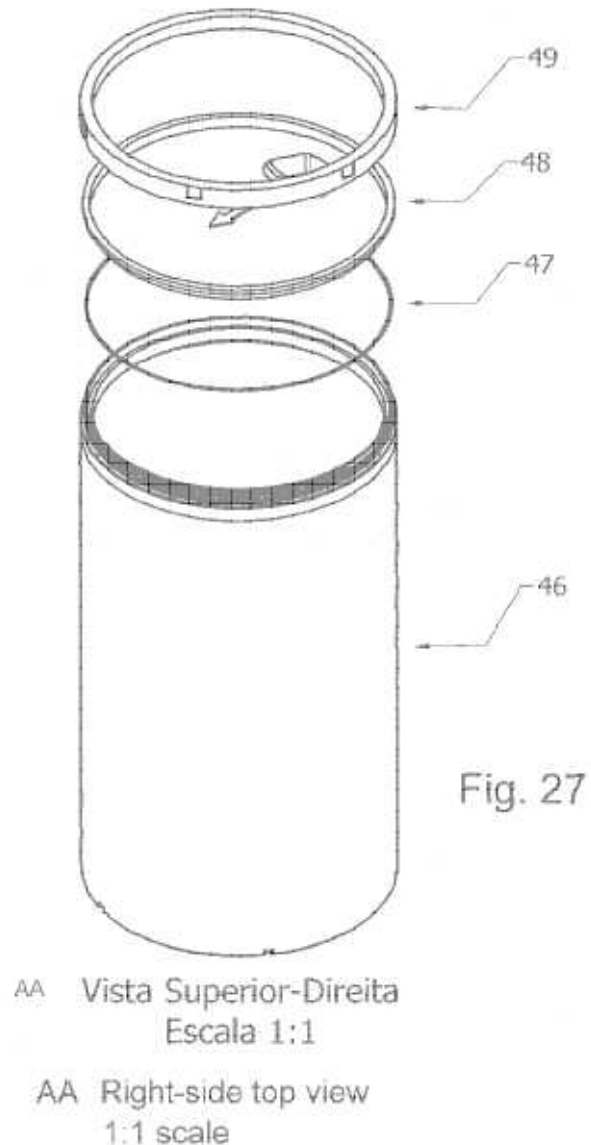


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PN - [WO2014028998](#) A1 20140227

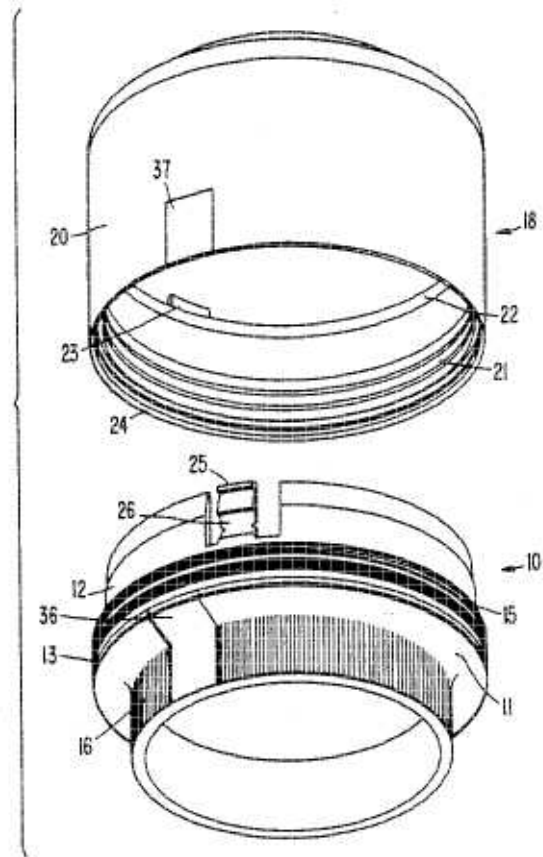
TI - PLASTIC PACKAGE FOR CARBONATED BEVERAGES AND FOODSTUFFS, HAVING A LARGE DIAMETER PLASTIC **LID**, MANUAL OPENING METHOD, **SECURITY** SYSTEM WITH **TAMPER**-EVIDENT FEATURES, AND FINAL CLOSURE AND OPENING SYSTEMS

AB - The present invention, which pertains to the packaging field, generally relates to a package or container for beverages, carbonated beverages or foodstuffs, the package being made of plastics, with a can-like shape, and being formed of four parts, as follows: a vessel (figures 08-12), a **lid** (figures 13-19), a closing **ring** (figures 20-22) and a sealing **ring** (figures 23 and 24), which form the subject matter of claims 1, 3, 4, 5 and 8, respectively; the present invention also relates to each of the four components that form the package, and which are the subject matter of claims 3, 4, 5 and 8; the present invention also relates to a moulded thermoplastic preform (figures 01-07), which is the subject matter of claim 2; the present invention also relates to the closing system with final sealing of the **lid** assembly, which is the subject matter of claims 6 and 7; the present invention also relates to the method for assembling, filling and closing the package, which is the subject matter of claim 9; the present invention also relates to the method for manually opening said package (figure 28), which is the subject matter of claim 10; and the present invention further relates to two sealing systems (figures 23, 24 and 25) that can be used with same, and which are the subject matter of claims 10 and 11.



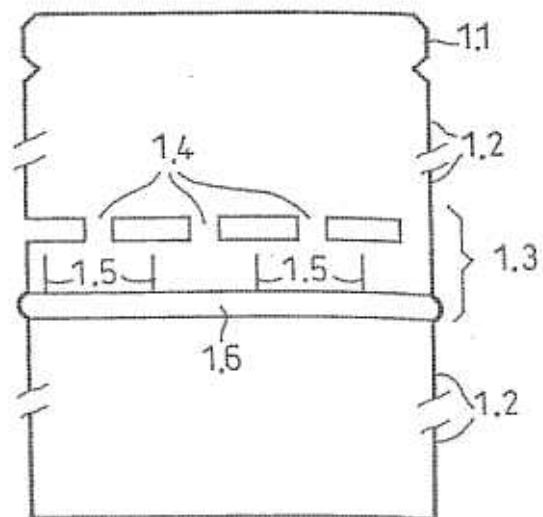
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- PN - [US5328046](#) A 19940712
- TI - Self-locking, **tamper**-evident package
- AB - A high **security tamper** evident package for the shipping and storing of a variety of highly proprietary electronic components. The package has a **lid** and a multi-compartmented base which are threaded together to actively engage an automatic locking system enabled by breakaway tabs on the wall of the base sliding over and engaging behind ramps protruding from the inner surface of the **lid**. Upon unscrewing the base from the **lid**, the tabs break off as pressure is applied by movement against the back of the ramps, leaving permanent evidence of the package having been opened. A textured grip on the bottom of the package provides ease of handling and fits snugly onto a raised **ring** on the top of another package to allow for easy stacking and efficient storage.



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- PN - [DE4338004](#) A1 19940616
- TI - (A1)  
Metal twist closure for bottles - has safety spring **ring** with ideal break points providing originality seal and connecting top and bottom parts of closure tube
- AB - (A1)  
The metal closure has a **lid** (1.1) which holds the inner seal of the rotary closure and a straight closure tube (1.2). A safety spring **ring** (1.3) set in the closure tube provides a **tamper**-evident indicator and at the same time ensures a connection between the upper and lower part of the



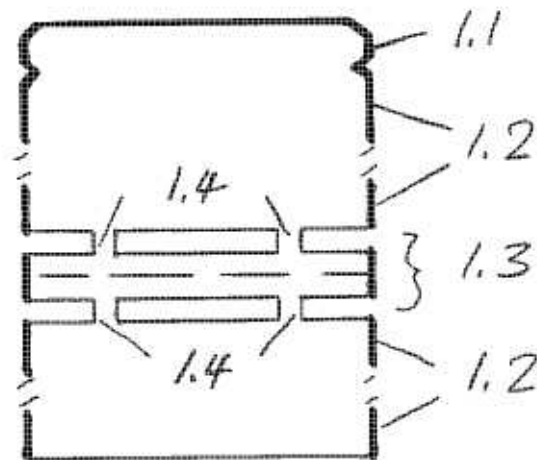
tube even after the initial opening. The closure **lid** serves to securely hold a circular plate-like seal which can have sealing ribs or lips on the side facing the bottle opening. The spring **ring** can be a simple **security ring** (1.3) with horizontally aligned recessed slits with connecting webs (1.4) for connecting the top and bottom parts of the tube. Ideal break points (1.5) above a horizontal reinforcement **ring** (1.6) can also be provided. USE- For bottle mouths having relatively wide tolerances.

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PN - [CH687612](#) A5 19970115

TI - Metal twist closure for bottles - has safety spring **ring** with ideal break points providing originality seal and connecting top and bottom parts of closure tube

AB - The metal closure has a **lid** (1.1) which holds the inner seal of the rotary closure and a straight closure tube (1.2). A safety spring **ring** (1.3) set in the closure tube provides a **tamper**-evident indicator and at the same time ensures a connection between the upper and lower part of the tube even after the initial opening. The closure **lid** serves to securely hold a circular plate-like seal which can have sealing ribs or lips on the side facing the bottle opening. The spring **ring** can be a simple **security ring** (1.3) with horizontally aligned recessed slits with connecting webs (1.4) for connecting the top and bottom parts of the tube. Ideal break points (1.5) above a horizontal reinforcement **ring** (1.6) can also be provided.



- PN - [CH687697](#) A5 19970131
- TI - Metal twist closure for bottles - has safety spring **ring** with ideal break points providing originality seal and connecting top and bottom parts of closure tube
- AB - The metal closure has a **lid** (1.1) which holds the inner seal of the rotary closure and a straight closure tube (1.2). A safety spring **ring** (1.3) set in the closure tube provides a **tamper-evident** indicator and at the same time ensures a connection between the upper and lower part of the tube even after the initial opening. The closure **lid** serves to securely hold a circular plate-like seal which can have sealing ribs or lips on the side facing the bottle opening. The spring **ring** can be a simple **security ring** (1.3) with horizontally aligned recessed slits with connecting webs (1.4) for connecting the top and bottom parts of the tube. Ideal break points (1.5) above a horizontal reinforcement **ring** (1.6) can also be provided.

