

Title (en)

Method and apparatus for stoppering modified bottles with a one-piece corking means.

Title (de)

Verfahren und Vorrichtung zum Verschliessen von geänderten Flaschen mit einem aus einem einzigen Stück hergestellten Stöpsselement.

Title (fr)

Procédé et dispositif pour boucher des bouteilles modifiées utilisant un dispositif de bouchage en une pièce.

Publication

EP 0056320 A1 19820721 (EN)

Application

EP 82300107 A 19820108

Priority

US 22389481 A 19810109

Abstract (en)

A closure arrangement for stoppering bottles with pressurized, carbonated, water-based liquid contents which comprises in combination; a bottle having a body portion, an elongated neck portion with two annular flanges thereon, and a mouth portion; and a one-piece elastomeric plastic moulded corking means having an elongated cylindrical stopper insertable into the mouth of the bottle, a head connected to the stopper, an annular, circumferential ring positioned below the head, concentric with the stopper and capable of being received between the two annular flanges, a flexible, elongated folded tether connecting the ring to the head, and a plurality of short frangible bridges connecting the ring to the head, said bridges breaking when the ring is forced between the two flanges. The elongated tether provides a means for preventing injury when the cork is removed from the bottle.

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CPC (source: EP)

B65D 39/00 (2013.01); **B65D 39/0017** (2013.01); **B65D 55/16** (2013.01)

Citation (search report)

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EP0152171A3; EP0443504A1; WO9210409A1

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EP 0056320 A1 19820721; **EP 0056320 B1 19840725**; CA 1170214 A 19840703; DE 3260407 D1 19840830; ES 266863 U 19831016; ES 266863 Y 19840401; ES 270947 U 19830816; ES 270947 Y 19840301; ES 514871 A0 19830816; ES 514872 A0 19830816; ES 8308284 A1 19830816; ES 8308285 A1 19830816; PT 74258 A 19820201; PT 74258 B 19830823

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EP 82300107 A 19820108; CA 393806 A 19820108; DE 3260407 T 19820108; ES 266863 U 19820810; ES 270947 U 19820108; ES 514871 A 19820810; ES 514872 A 19820810; PT 7425882 A 19820108