

Title (en)
CONTAINER AND CLOSURE AND MANUFACTURE THEREOF

Title (de)
BEHÄLTER UND VERSCHLUSS UND HERSTELLUNG DAVON

Title (fr)
RÉCIPIENT ET SYSTÈME DE FERMETURE ET FABRICATION DE CEUX-CI

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Abstract (en)

[origin: WO2016012810A1] A container (10) and closure (20), e.g. for housing a carbonated beverage, are described as well as methods of manufacture of the container and closure. The closure is secured to the container by means of a projection (11,24) extending around the circumference of each part, the projections comprising a series of horizontal, circumferentially spaced apart elements (11,24) arranged so that the elements on the closure can pass through the spaces between the elements on the container and locate beneath them to secure the closure to the container. The elements of the projection on the container are separated from each other in the circumferential direction and do not overlap with each other in the vertical direction and the elements of the projection on the closure are separated from each other in the circumferential direction and do not overlap with each other in the vertical direction. The first portions have an upwardly inclined end (24D) at one end thereof and/or a downwardly inclined (24E) end at the other end. Upon rotation of the closure in one direction the downwardly inclined ends acts to drive the second portions (and hence the closure) downwards and upon rotation in the other direction the upwardly inclined ends acts to drive the second portions upwards. The closure has a bore component (22) which extends into the container and carries a sealing member (23), eg an o-ring, for providing a seal with an internal sealing surface of the container. The o-ring is driven down from a lead-in surface to engage the sealing surface as the closure is rotated. Figs. 8A and 8B

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