

Title (en)
CONTAINER AND CLOSURE

Title (de)
BEHÄLTER UND VERSCHLUSS

Title (fr)
RÉCIPIENT ET FERMETURE

Publication
EP 3325370 A1 20180530 (EN)

Application
EP 16757927 A 20160721

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Abstract (en)
[origin: WO2017017415A1] A plastic or metal wide mouth container (10) with a metal closure, the container having an opening defining an axis and an outwardly projecting first member around the external surface of the container, the first member comprising a plurality of circumferentially spaced apart first portions, each first portion having an element with elongate upper and lower surfaces, said upper and lower surfaces thereof being substantially horizontal in the circumferential direction. The metal closure has a top part and a skirt part, the skirt part comprising an inwardly projecting second member around an internal surface thereof, the second member comprising a plurality of circumferentially spaced apart second portions, each second portion having an element with elongate upper and lower surfaces, said upper and lower surfaces thereof being substantially horizontal in the circumferential direction. The horizontal elements of the second portions are of a length such that they can pass through spaces between the first portions and are locatable beneath the first portions so as to secure the metal closure to the container. The closure has a sealing member (23) for providing a seal with a sealing surface of the container, the sealing surface (13) being a substantially vertical surface about the interior or exterior of a neck portion of the container and the second portions on the closure having an upwardly inclined end at one end thereof and a downwardly inclined end at the other end thereof which extend beyond said elongate upper and lower surfaces thereof, respectively. Rotation of the metal closure in a tightening direction drives the second portions down the downwardly inclined ends to move the closure downwards and to compress the seal member in a substantially horizontal direction into sealing engagement with the vertical sealing surface. Rotation of the closure in a loosening direction drives the second portions up the upwardly inclined ends to move the sealing member from the sealed position to a secured venting position. Further rotation in the loosening direction is required to remove the closure from the container.

IPC 8 full level
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CPC (source: EP KR)
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Citation (search report)
See references of WO 2017017415A1

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