

Title (en)
Closures.

Title (de)
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Title (fr)
Fermetures.

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Application
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Abstract (en)
A moulded screw-threaded plastics closure has depending from the underside of the top (11) an annular sealing portion (14) spaced inward of the skirt. The sealing portion includes a plug part (20) with a sealing rib (52) for engaging the internal surface (16) of the neck of a container, a radially outwardly projecting flange (24) above the plug part, and a waisted pivot part (28) disposed between the flange and the top. As the closure is applied, the sealing rib (52), first moves into sealing engagement with the bore of the neck of the container, and then the flange (24) comes into engagement with the top (32) of the neck of the container and causes the sealing portion (14) to pivot outwards about the part (28) to tighten the seal. An internal rib (49) on the skirt engages the outer surface of the neck of the container to form a secondary seal. Forms of stop may be provided for limiting the movement of the closure and/or the pivotal deflection of the sealing portion to prevent over-tightening during application of the closure. Gaseous pressure within the container tends to increase the sealing pressure between the plug part (20) and the bore, and the top (11) of the container is suitably stiff to resist deformation by the pressure. <IMAGE>

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B65D 41/04

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CPC (source: EP)
B65D 41/0421 (2013.01)

Citation (search report)
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