

Title (en)
SCREW CLOSURE WITH CONTROLLED SEAL

Title (de)
SCHRAUBVERSCHLUSS MIT KONTROLLIERTER DICHTUNG

Title (fr)
BOUCHON FILETÉ DOTÉ D'UN JOINT D'ÉTANCHÉITÉ RÉGLÉ

Publication
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Application
EP 19736350 A 20190702

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Abstract (en)
[origin: WO2020007832A1] The invention relates to a plastic closure for placing on the neck of a liquid container in a formfitting and sealing manner, comprising a head plate (1), which is provided for covering a container opening, an outer seal (7), which is circumferential along the edge of the head plate (1) and is provided for engaging with the exterior of a container neck (20) that defines the container opening, and an inner seal (5) which is circumferential within the outer seal (7) and parallel to same and which is provided for engaging with the inner face of the container neck. The outer and the inner seal (7, 5) each extends approximately perpendicularly or at a slight angle to the inner face (11) of the head plate (1). In order to provide a closure and to provide a container with a closure which generally prevent the closure from being blown off under high positive pressures, the outer seal (7) has a weakened region (6, 6', 6'') in at least one circumferential section such that the outer seal (7) becomes unsealed at a lower internal positive pressure than when the outer seal is formed without the weakened region.

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