

Title (en)

CONTAINER CLOSURE COMPRISING A SEALING STOPPER

Title (de)

BEHÄLTERVERSCHLUSS MIT DICHTSTOPFEN

Title (fr)

FERMETURE DE CONTENANT POURVUE D'UN BOUCHON D'ETANCHEITE

Publication

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Application

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Abstract (en)

[origin: WO2005061342A1] The invention relates to a container closure comprising a tubular-shaped sealing stopper which can be guided into a pouring passage of a container, said sealing stopper comprising at least one pair of axially distanced, annular shaped sealing projections which protrude in a radial manner towards the outside and which are arranged on the outer periphery thereof. The sealing projections are formed by the caps of a sawtooth-type profile on the external peripheral surface of the sealing stopper. Sections of the profile connecting adjacent caps together are inclined in an inward direction at an angle α in relation to a plane which is tangent to the caps. The angle opens out in the direction counter to the free end of the sealing stopper and has a ratio $\alpha : d$ which is between 1.0 and approximately 20, preferably approximately 1.0 and 8.0, at the most 2.0 and 5.5, whereby d = thickness measurement [mm] of the wall of the sealing stopper on the related cap.

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