

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
EP 1699708 A1 20060913 (DE)

Application
EP 04765910 A 20041009

Priority
• EP 2004011317 W 20041009
• DE 20318316 U 20031127

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.

IPC 8 full level
B65D 41/04 (2006.01)

CPC (source: EP)
B65D 41/0414 (2013.01)

Citation (search report)
See references of WO 2005061342A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 20318316 U1 20040226; EP 1699708 A1 20060913; WO 2005061342 A1 20050707

DOCDB simple family (application)
DE 20318316 U 20031127; EP 04765910 A 20041009; EP 2004011317 W 20041009