

Title (en)
TAMPER-PROOF AND UNREFILLABLE CLOSURE WITH OVERTOP

Title (de)
ORIGINALITÄTSVERSCHLUSS FÜR FLASCHEN

Title (fr)
FERMETURE INVOLABLE DU TYPE ANTI-REREMPLISSABLE AVEC ELEMENT RAPPORTE DE FERMETURE

Publication
EP 0807585 A1 19971119 (EN)

Application
EP 96903267 A 19960130

Priority
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Abstract (en)
A stopper for bottles of the tamper proof and non-refillable type which includes an overtop (A), a screwtop (B) of the tamper-proof type, a pourer (C), a valve (D), a valve seat or gasket (E) and a cylindrical tube (F) characterized in that the lower part of the screwtop has a ring (20) with a series of angled teeth (19) that allow it to be turned when being screwed on and prevent it from being turned when being unscrewed. The ring (20) is joined to the body of the top by means of a series of horizontal ribs or bridges which break when the ring is unable to turn when the top is unscrewed for the first time. This ring (20) has two vertical cuts with a separation of 180 degrees that cause the ring to separate into two pieces when the horizontal ribs or bridges are broken. The cylindrical body of the top has a smaller diameter than the ring and is designed in such a way that it can receive an overtop having the same diameter as the ring. <IMAGE>

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IPC 8 full level
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CPC (source: EP)
B65D 41/3409 (2013.01); **B65D 49/04** (2013.01); **B65D 50/041** (2013.01); **B65D 51/18** (2013.01); **B65D 2251/0015** (2013.01); **B65D 2251/0087** (2013.01); **B65D 2401/55** (2020.05)

Citation (search report)
See references of WO 9623704A1

Cited by
EP1526086A3; EA013148B1; GB2399339A; CN107922092A; EA008429B1; ES2255822A1; ES2209667A1; GB2366287A; GB2366287B; EP1002737A1; ES2229959A1; AU734479B2; EP1526086A2; US6328174B1; WO9823494A1; WO03097477A1; WO0075033A1; WO03074382A1

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