

Title (en)

Bottle closure device with guarantee collar and antirefill valve

Title (de)

Flaschen Verschluss mit gegen Wiederfüllen Garantierung sowie Sicherung

Title (fr)

Dispositif de bouchage d'une bouteille, comprenant une bague d'inviolabilité et une soupape pour empêcher un nouveau remplissage

Publication

EP 0670271 B1 19980722 (EN)

Application

EP 95102061 A 19950215

Priority

IT MI940375 A 19940302

Abstract (en)

[origin: EP0670271A1] The device comprises a pourer body (7) which is locked in the orifice (2) of the bottle (3) by means of a tubular seal (8) at the lower end of which is the seat (18) on which the stop means (19) of the valve rests. The pourer is locked elastically and leaktightly against the seal by its cylindrical wall (10) which includes an annular zone or band (14) that is designed to sever if the pourer is tampered with. The seal (8) in turn is locked elastically and leaktightly in the orifice of the bottle by means of a series of elastic circular flanges (17) which both prevent the liquid from escaping and anchor the seal in the mouth of the bottle. The tearing of the preferentially severable band (14) by illicit forcing of the pourer will detach the pourer from the bottle and allow the valve stop means (19) to escape when the liquid is poured out. The presence of the elastic flanges on the seal means that the closure device can be adapted to different bottle mouths. <IMAGE>

IPC 1-7

B65D 49/00; **B65D 49/04**

IPC 8 full level

B65D 49/00 (2006.01); **B65D 49/04** (2006.01)

CPC (source: EP)

B65D 49/00 (2013.01); **B65D 49/04** (2013.01); **B65D 2401/15** (2020.05)

Cited by

EP0847930A1; CN105600129A; PT109518A; GB2375532A; GB2375532B; GB2377700A; GB2377700B; US6357614B1; EP0967156A1; WO2006114106A1; WO0218224A1; WO2004065248A1; WO0172596A1; WO9733805A1; WO2008074334A1; WO2008114979A3; US10913579B2; WO9842587A3; WO2017064620A3; EP1646580B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0670271 A1 19950906; **EP 0670271 B1 19980722**; **EP 0670271 B2 20021030**; AT E168645 T1 19980815; DE 69503539 D1 19980827; DE 69503539 T2 19990304; ES 2118456 T3 19980916; IT 1273362 B 19970708; IT MI940375 A0 19940302; IT MI940375 A1 19950903

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