

Title (en)
BOTTLE CLOSURE WITH ONE-WAY VALVE

Title (de)
FLASCHENVERSCHLUSS MIT EINWEG-VENTIL

Title (fr)
BOUCHON DE BOUTEILLE A CLAPET ANTI-RETOUR

Publication
EP 1373087 A1 20040102 (EN)

Application
EP 01925867 A 20010404

Priority
IT 0100174 W 20010404

Abstract (en)
[origin: WO02083518A1] A closure for containers of liquids, particularly bottles, the closure comprising an anti-tamper pourer member (7) having valve means (8,a 8b) which allow liquid to leave the container (2) but not to enter it, a cup (19) with a tubular sleeve (21) closing the pouring hole (15), as well as an outer security cap (25) and in which the pourer body (7) includes a first sleeve (8) fitted in the container neck, as well as a separate tubular body (14) defining the pouring hole (15). The separate tubular body (14) is fitted on the outer wall (4) of the container neck (1). Moreover, axial engagement means (5,17) and radial engagement means (6,18) are provided between the tubular body (14) and the outer wall (4) of the container neck (1), and threaded means (22,23) are provided between the outer wall (14a) of the tubular body (14) and the inner wall of the tubular sleeve (21).

IPC 1-7
B65D 49/04; **B65D 51/18**

IPC 8 full level
B65D 49/00 (2006.01); **B65D 51/18** (2006.01); **B65D 49/04** (2006.01); **B65D 49/02** (2006.01)

CPC (source: EP)
B65D 49/04 (2013.01); **B65D 51/18** (2013.01); **B65D 2251/0015** (2013.01); **B65D 2251/0087** (2013.01)

Cited by
WO2019195853A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02083518 A1 20021024; BR 0116959 A 20040803; BR 0116959 B1 20101228; CN 100390029 C 20080528; CN 1639021 A 20050713; EP 1373087 A1 20040102; EP 1373087 B1 20060607; ES 2234449 T1 20050701; ES 2234449 T3 20070216; GB 0207472 D0 20020508; GB 2375532 A 20021120; GB 2375532 B 20040929; IT MI20020616 A0 20020325; IT MI20020616 A1 20030925; MX PA03009098 A 20040212; PL 363755 A1 20041129; RU 2003132170 A 20050110; RU 2263059 C2 20051027

DOCDB simple family (application)
IT 0100174 W 20010404; BR 0116959 A 20010404; CN 01823117 A 20010404; EP 01925867 A 20010404; ES 01925867 T 20010404; GB 0207472 A 20010404; IT MI20020616 A 20020325; MX PA03009098 A 20010404; PL 36375501 A 20010404; RU 2003132170 A 20010404