

Title (en)

TAMPER EVIDENT CLOSURE FOR BOTTLES, PARTICULARLY FOR BOTTLES CONTAINING VALUABLE DRINKS

Title (de)

ORIGINALITÄTSVERSCHLUSS FÜR FLASCHEN, INSBESONDERE ENTHALTEND WERTVOLLE GETRÄNKE

Title (fr)

DISPOSITIF DE FERMETURE INVOLABLE POUR BOUTEILLES, EN PARTICULIER POUR DES BOUTEILLES CONTENANT DES BOISSONS DE VALEUR

Publication

**EP 1603809 A1 20051214 (EN)**

Application

**EP 03712661 A 20030307**

Priority

IT 0300141 W 20030307

Abstract (en)

[origin: WO2004078612A1] The invention relates to a tamper evident closure for a bottle, particularly a bottle suitable for containing valuable drinks, having a neck (5, 34, 54) which extends axially along the longitudinal axis (X-X) from the body of the bottle (2, 31, 51), the neck (5, 34, 54) has an opening (7, 33, 56) at its free end and the closure comprises means of a threaded connection to a pouring device (6, 38, 55), the pouring device (6, 38, 55) is connected to a sleeve (17, 47, 65) arranged axially along the outer surface of said neck (5, 34, 54) having the characteristic of comprising annular means (18, 45, 70) arranged between the base of said neck (5, 34, 54) and the lower end of the sleeve (17A, 47B, 65B) and being connected by means of breakable connecting means (46, 64, 82) to said sleeve (17, 47, 65), the annular means (18, 45, 70) and said lower end (17A, 47B, 65B) of said sleeve (17, 47, 65) having respective surfaces (11A, 18E, 47C, 45I, 65C, 70D) facing towards each other and at least one of said facing surfaces (11A, 18E; 47C, 45I; 65C, 70D) of said annular means (18, 45, 70) and of said lower end (17A, 47B, 65B) being inclined relative to the longitudinal axis (X-X) of the neck (5, 34, 54), so that as a result of an axial movement of said annular means (18, 45, 70) towards said opening in said neck (5, 34, 54), breakage of said breakable means (46, 64, 82) occurs and consequent radial movement of at least one circumferential zone of said annular means (18, 45, 70).

IPC 1-7

**B65D 49/04**; **B65D 55/08**

IPC 8 full level

**B65D 49/04** (2006.01); **B65D 55/08** (2006.01)

CPC (source: EP)

**B65D 49/04** (2013.01); **B65D 55/0863** (2013.01)

Citation (search report)

See references of WO 2004078612A1

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 PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004078612 A1 20040916**; AT E340136 T1 20061015; AU 2003217473 A1 20040928; BR 0318168 A 20060221; BR PI0318168 B1 20151103; CN 100351147 C 20071128; CN 1750975 A 20060322; DE 60308556 D1 20061102; EA 007129 B1 20060630; EA 200501438 A1 20060224; EP 1603809 A1 20051214; EP 1603809 B1 20060920; ES 2272957 T3 20070501; MX PA05009441 A 20051123; UA 79550 C2 20070625

DOCDB simple family (application)

**IT 0300141 W 20030307**; AT 03712661 T 20030307; AU 2003217473 A 20030307; BR 0318168 A 20030307; CN 03826112 A 20030307; DE 60308556 T 20030307; EA 200501438 A 20030307; EP 03712661 A 20030307; ES 03712661 T 20030307; MX PA05009441 A 20030307; UA 2005009431 A 20030307