

Title (en)

SECURITY ROTATING CLOSURE FOR A MULTI-COMPARTMENT BOTTLE, IN PARTICULAR FOR A DUAL-COMPARTMENT BOTTLE

Title (de)

SICHERHEITSDREHVERSCHLUSS FÜR EINE MEHRKAMMERFLASCHE, INSBES ONDERE FÜR EINE ZWEIKAMMERFLASCHE

Title (fr)

BOUCHON ROTATIF DE SECURITE DESTINE A UNE BOUTEILLE A PLUSIEURS COMPARTIMENTS, NOTAMMENT A UNE BOUTEILLE A DEUX COMPARTIMENTS

Publication

EP 1723046 A1 20061122 (DE)

Application

EP 05715390 A 20050218

Priority

- EP 2005001680 W 20050218
- CH 4062004 A 20040311

Abstract (en)

[origin: WO2005087604A1] The invention relates to a safety rotating closure (100) for a multi-compartment bottle (2), in particular for a dual-compartment bottle, said bottle having a separate pouring tube (7, 8) which has a pouring opening (9, 10) for each chamber (3,4) and a rotating closure (1) which can be screwed to a common neck part (5) of the multi-compartment bottle (2). The security rotating closure (100) is fitted with a mechanically active child-safety device which prevents unauthorised removal of the closure, and comprises essentially conically-shaped sealing parts (120) which engage in the pouring opening (9, 10) of the pouring tube (7, 8) in the screwed-in state and co-operates in a sealing manner with the inner walls. All of the locking elements (115, 121) of the child-safety device are arranged on the security rotating closure (100).

IPC 8 full level

B65D 50/04 (2006.01); **B65D 55/02** (2006.01); **B65D 81/32** (2006.01)

CPC (source: EP US)

B65D 50/046 (2013.01 - EP US); **B65D 81/3283** (2013.01 - EP US)

Citation (search report)

See references of WO 2005087604A1

Cited by

US9975673B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005087604 A1 20050922; AT E415356 T1 20081215; DE 502005006064 D1 20090108; EP 1723046 A1 20061122; EP 1723046 B1 20081126; PL 1723046 T3 20090529; US 2007278174 A1 20071206; US 8123057 B2 20120228

DOCDB simple family (application)

EP 2005001680 W 20050218; AT 05715390 T 20050218; DE 502005006064 T 20050218; EP 05715390 A 20050218; PL 05715390 T 20050218; US 59212805 A 20050218