

Title (en)  
STOPPER DEVICE FOR THE NECK OF A CONTAINER, CONTAINER PROVIDED WITH SUCH A DEVICE, METHOD FOR STOPPING SUCH A CONTAINER AND METHOD FOR PRODUCTION OF SUCH A DEVICE

Title (de)  
VERSCHLUSSVORRICHTUNG FÜR DEN HALS EINES BEHÄLTERS, MIT SOLCH EINER VORRICHTUNG VERSEHENER BEHÄLTER, VERFAHREN ZUM VERSCHLIESSEN SOLCH EINES BEHÄLTERS UND VERFAHREN ZUR HERSTELLUNG SOLCH EINER VORRICHTUNG

Title (fr)  
DISPOSITIF DE BOUCHAGE D'UN COL DE RECIPIENT, RECIPIENT EQUIPE D'UN TEL DISPOSITIF, PROCEDE DE BOUCHAGE D'UN TEL RECIPIENT ET PROCEDE DE FABRICATION D'UN TEL DISPOSITIF

Publication  
**EP 1896339 B1 20081029 (FR)**

Application  
**EP 06764618 A 20060512**

Priority  
• FR 2006001076 W 20060512  
• FR 0504830 A 20050513

Abstract (en)  
[origin: WO2006120358A1] The invention relates to a stopper device (1), comprising an external cap (10) made from plastic and an internal fixed fixing insert (20) for fixing the device around the neck of the container (2). The sleeve (12) of the cap successively comprises, along the (X-X) axis thereof, a head (13), into which the insert may be introduced and permanently fixed and a skirt (14) extending axially from the insert. According to the invention, contamination on the neck of the container (2) with said device may be limited and the appearance thereof improved, whereby, particularly at the base of the neck, the skirt (14) essentially forms a frustum (142) converging towards the axis of the sleeve on extending from the head, before the installation of said device around the neck, said frustum forming, at the end (144) thereof opposite the head (13), an internal surface (144B) to come into contact against the container neck under the influence of an elastic deformation of the sleeve (12) as a result of the installation of the device around the neck.

IPC 8 full level  
**B65D 41/62** (2006.01); **B65D 41/04** (2006.01); **B65D 41/34** (2006.01)

CPC (source: EP US)  
**B65D 41/045** (2013.01 - EP US); **B65D 41/3423** (2013.01 - EP US); **B65D 41/62** (2013.01 - EP US)

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006120358 A1 20061116**; AT E412585 T1 20081115; AU 2006245609 A1 20061116; AU 2006245609 B2 20111103; AU 2006245609 B8 20111117; CA 2607923 A1 20061116; CA 2607923 C 20130730; CN 101223086 A 20080716; CN 101223086 B 20100616; DE 602006003434 D1 20081211; EP 1896339 A1 20080312; EP 1896339 B1 20081029; ES 2312135 T3 20090216; FR 2885602 A1 20061117; FR 2885602 B1 20100226; FR 2936782 A1 20100409; FR 2936782 B1 20130830; JP 2008540271 A 20081120; JP 5133241 B2 20130130; MX 2007013999 A 20080205; NZ 563345 A 20100625; PT 1896339 E 20081224; RU 2007146133 A 20090620; RU 2375276 C2 20091210; US 2009301987 A1 20091210; US 9889971 B2 20180213; ZA 200709721 B 20090429

DOCDB simple family (application)  
**FR 2006001076 W 20060512**; AT 06764618 T 20060512; AU 2006245609 A 20060512; CA 2607923 A 20060512; CN 200680025457 A 20060512; DE 602006003434 T 20060512; EP 06764618 A 20060512; ES 06764618 T 20060512; FR 0504830 A 20050513; FR 1050335 A 20100119; JP 2008510617 A 20060512; MX 2007013999 A 20060512; NZ 56334506 A 20060512; PT 06764618 T 20060512; RU 2007146133 A 20060512; US 91943206 A 20060512; ZA 200709721 A 20060512