

Title (en)

CLOSURE DEVICE FOR A NON-VENTED LIQUID PRODUCT DISPENSER

Title (de)

VERSCHLUSSVORRICHTUNG FÜR EINEN NICHTENTLÜFTETEN FLÜSSIGPRODUKTSPENDER

Title (fr)

DISPOSITIF D'OBTURATION POUR DISTRIBUTEUR DE PRODUIT LIQUIDE SANS REPRISE D'AIR

Publication

EP 1748938 A1 20070207 (FR)

Application

EP 04731356 A 20040506

Priority

EP 2004004835 W 20040506

Abstract (en)

[origin: US7694856B2] A closure device for a non-vented liquid product dispenser from a rigid container including a and a movable bottom provided with a peripheral lip. The dispenser includes a base cup forming a casing fixable to the base of the container and receiving the bottom which is integrally and coaxially arranged thereinside after the production thereof and prior to product dispensing in such a way that the peripheral lip is protected.

IPC 8 full level

B65D 83/00 (2006.01)

CPC (source: EP US)

B65D 83/0005 (2013.01 - EP US)

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005113379 A1 20051201; AT E398091 T1 20080715; BR PI0418736 A 20070911; CA 2565283 A1 20051201; CN 1953914 A 20070425; CN 1953914 B 20100616; DE 602004014419 D1 20080724; EP 1748938 A1 20070207; EP 1748938 B1 20080611; ES 2308178 T3 20081201; US 2007084110 A1 20070419; US 7694856 B2 20100413

DOCDB simple family (application)

EP 2004004835 W 20040506; AT 04731356 T 20040506; BR PI0418736 A 20040506; CA 2565283 A 20040506; CN 200480042973 A 20040506; DE 602004014419 T 20040506; EP 04731356 A 20040506; ES 04731356 T 20040506; US 55656406 A 20061103