

Title (en)

VALVE NOZZLE FOR A DISPENSER FOR LIQUID COSMETIC PRODUCTS AND METHOD FOR PACKAGING SUCH PRODUCTS

Title (de)

VENTILDÜSE FÜR EINEN SPENDER FÜR FLÜSSIGE KOSMETIKA UND VERFAHREN ZUM VERPACKEN VON SOLCHEN PRODUKTE

Title (fr)

EMBOUIT A CLAPET POUR DISTRIBUTEUR DE PRODUITS COSMETIQUES LIQUIDES ET PROCEDE DE CONDITIONNEMENT DE TELS PRODUITS

Publication

EP 1644258 A2 20060412 (FR)

Application

EP 04740929 A 20040712

Priority

- EP 2004007676 W 20040712
- FR 0308640 A 20030715

Abstract (en)

[origin: FR2857652A1] The nozzle comprises a reservoir (R) and an internal piston (P) activated by displacement of a base (E). It comprises a cover (1) closing the reservoir and having a dispensing orifice (10) which can be sealed by a spigot (21) fixed to a strut (2) sliding inside the cover and provided with a conduit (20) ensuring successively the venting of the reservoir and the evacuation of the product. The cover and the strut delimit an enclosure (12), the wall of which has a deformable elastic zone enabling the spigot to disengage from the dispensing orifice following the activation of the piston. An independent claim is included for a method of packaging a cosmetic liquid product in a dispenser.

IPC 1-7

B65D 47/00

IPC 8 full level

B65D 47/20 (2006.01)

CPC (source: EP US)

B65D 47/2068 (2013.01 - EP US); **B65D 47/2081** (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)

US 2006138174 A1 20060629; AT E454323 T1 20100115; BR PI0412077 A 20060905; CA 2531669 A1 20050224; CN 1822991 A 20060823; DE 602004024996 D1 20100225; EP 1644258 A2 20060412; EP 1644258 B1 20100106; FR 2857652 A1 20050121; FR 2857652 B1 20081031; JP 2007526858 A 20070920; MX PA06000532 A 20060330; WO 2005016776 A2 20050224; WO 2005016776 A3 20050428

DOCDB simple family (application)

US 33244106 A 20060113; AT 04740929 T 20040712; BR PI0412077 A 20040712; CA 2531669 A 20040712; CN 200480020435 A 20040712; DE 602004024996 T 20040712; EP 04740929 A 20040712; EP 2004007676 W 20040712; FR 0308640 A 20030715; JP 2006519854 A 20040712; MX PA06000532 A 20040712