

Title (en)

FLASK FOR DISPENSING LIQUID, CREAM OR GEL COMPRISING A DEVICE FOR FILTERING INCOMING AIR

Title (de)

MIT EINER DIE EINTRETENDE LUFT FILTERNDEN VORRICHTUNG VERSEHENE ABGABEFLASCHE FÜR EINE FLÜSSIGKEIT, EINE CREME ODER EIN GEL

Title (fr)

FLACON DE DISTRIBUTION POUR LIQUIDE, CREME OU GEL COMPORTANT UN DISPOSITIF FILTRANT DE L'AIR ENTRANT

Publication

EP 0975433 A1 20000202 (FR)

Application

EP 98922882 A 19980428

Priority

- FR 9800848 W 19980428
- FR 9705227 A 19970428

Abstract (en)

[origin: WO9848943A1] The invention concerns a dispenser for products in liquid, cream or gel form, in particular useful in the fields of cosmetics, dermatology, pharmaceuticals, ophthalmology or perfumery, comprising a product (2) reservoir (1) connected at one of its ends to a head provided with a pump (4) equipped with closing means for controlling the air vent (40) arranged on the said pump (4) body (41) and a fixing socket (3). The invention is characterised in that said closing means comprise a diffusing element (6) permeable to air and containing fixed agents for bacteriological and/or chemical treatment of air by contact; said element (6) being fitted onto the pump body (41), and maintained by sealed radial peripheral clamping of at least one ring-shaped zone and by its top part being engaged in the fixing socket (3).

IPC 1-7

B05B 11/00

IPC 8 full level

A45D 34/04 (2006.01); **B05B 11/00** (2006.01); **B65D 47/34** (2006.01)

CPC (source: EP US)

B05B 11/00444 (2018.07 - EP US); **B05B 11/0008** (2013.01 - EP US)

Citation (search report)

See references of WO 9848943A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9848943 A1 19981105; AT E243566 T1 20030715; AU 7536498 A 19981124; BR 9815489 A 20020528; CA 2287266 A1 19981105; CN 1106226 C 20030423; CN 1254302 A 20000524; DE 69815834 D1 20030731; DE 69815834 T2 20040506; DK 0975433 T3 20030929; EP 0975433 A1 20000202; EP 0975433 B1 20030625; ES 2201494 T3 20040316; FR 2762589 A1 19981030; FR 2762589 B1 19990716; HK 1027060 A1 20010105; JP 2002505639 A 20020219; PT 975433 E 20031031; US 6244472 B1 20010612

DOCDB simple family (application)

FR 9800848 W 19980428; AT 98922882 T 19980428; AU 7536498 A 19980428; BR 9815489 A 19980428; CA 2287266 A 19980428; CN 98804626 A 19980428; DE 69815834 T 19980428; DK 98922882 T 19980428; EP 98922882 A 19980428; ES 98922882 T 19980428; FR 9705227 A 19970428; HK 00106130 A 20000927; JP 54667198 A 19980428; PT 98922882 T 19980428; US 40374599 A 19991028