

Title (en)

Application device, in particular make-up application device

Title (de)

Auftraggerät, insbesondere Schminkgerät

Title (fr)

Dispositif d'application, notamment dispositif d'application de maquillage

Publication

EP 1419712 A1 20040519 (DE)

Application

EP 03020798 A 20030912

Priority

DE 20217821 U 20021118

Abstract (en)

When the handle (26) attached to the upper end of the holding element is pulled, the sealing ring is moved upwards, closing a ventilation opening (34) in the case, facilitating the use of the holding element as a piston, and creating a vacuum. The mascara is guided through a ring-shaped gap (50,52) and distributed onto the brush moved along the gap. When the brush is returned into the case it passes a wiping element (46,48) removing dried and crumbly substance. Several openings (32,34,36,38,40,54) facilitate the ventilation and prevent a built-up of pressure inside. The device (10) is of a cylindrical shape, accommodating a mascara storage container (12) closed at the bottom with a ring (14) provided with a layer of a sealing substance (16) at its lower surface and an inner space (18,22) for the brush (20) with a holding element (24) at the top surrounded by a sealing ring (30).

Abstract (de)

Die Erfindung betrifft ein Auftraggerät, insbesondere ein Schminkgerät mit einem ersten Bereich (30) zum Speichern eines flüssigen, gelartigen oder pastösen Produktes. Erfindungsgemäß ist ein zweiter Bereich (34) zum Beladen einer Auftrageinrichtung (14) mit dem kosmetischen Produkt vorgesehen, wobei der zweite Bereich (34) von dem ersten Bereich (30) getrennt ist. <IMAGE>

IPC 1-7

A45D 40/26; **A46B 11/00**; **B65D 83/00**

IPC 8 full level

A45D 34/04 (2006.01); **A45D 40/26** (2006.01)

CPC (source: EP KR US)

A45D 40/265 (2013.01 - EP KR US)

Citation (search report)

- [X] DE 4434793 A1 19960404 - KATZ OTTO [DE]
- [X] DE 3923828 C1 19901220
- [X] US 6142692 A 20001107 - GARCIA FIRMIN [FR]
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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 PT RO SE SI SK TR

DOCDB simple family (publication)

US 2005199256 A1 20050915; **US 7114505 B2 20061003**; AR 045405 A1 20051026; AR 045974 A1 20051123; AT E318087 T1 20060315; AT E322850 T1 20060415; AU 2003267409 A1 20040615; BR 0313684 A 20050823; CA 2479113 A1 20040603; CA 2479113 C 20091124; CN 100362954 C 20080123; CN 100493411 C 20090603; CN 1649526 A 20050803; CN 1694635 A 20051109; DE 20217821 U1 20030320; DE 50302460 D1 20060427; DE 50302956 D1 20060524; EP 1419712 A1 20040519; EP 1419712 B1 20060222; EP 1446033 A1 20040818; EP 1446033 B1 20060412; ES 2259125 T3 20060916; ES 2261959 T3 20061116; JP 2005533620 A 20051110; JP 2008142562 A 20080626; JP 4040043 B2 20080130; JP 4778006 B2 20110921; KR 100763739 B1 20071004; KR 20050016486 A 20050221; MX PA04009193 A 20050617; WO 2004045335 A1 20040603

DOCDB simple family (application)

US 51386804 A 20041104; AR P030104237 A 20031117; AR P030104238 A 20031117; AT 03020798 T 20030912; AT 03748088 T 20030925; AU 2003267409 A 20030925; BR 0313684 A 20030925; CA 2479113 A 20030925; CN 03809296 A 20030925; CN 03825087 A 20030925; DE 20217821 U 20021118; DE 50302460 T 20030912; DE 50302956 T 20030925; EP 03020798 A 20030912; EP 0310671 W 20030925; EP 03748088 A 20030925; ES 03020798 T 20030912; ES 03748088 T 20030925; JP 2004552463 A 20030925; JP 2008010387 A 20080121; KR 20047019483 A 20041130; MX PA04009193 A 20030925