Title (en)

Applicator assemblies.

Title (de)

Auftragsvorrichtung.

Title (fr)

Appareil d'application.

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Application

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Abstract (en)

The invention concerns applicator assemblies for liquid, semi-liquid, paste-like or viscous materials, particularly, but not exclusively cosmetics products. Modern techniques for the marketing of cosmetics products include distributing free samples to the public. The use of conventional assemblies, in which a container to which a cap/applicator is attached holds a substantial quantity of the product, is too costly to be practicable. The invention provides a structure which, because it can be made cheaply and will hold only a small amount of product; is ideally suited as a free sample package. In this structure a tube, or other suitable enclosure (4) is adapted to enclose a head (3) of an applicator (1) which also has a shaft (2) integral with, or non-removably fixed to said head, together with a limited quantity of material (7) within a sealed space, the arrangement being such that when the applicator is so sealed at least a substantial part of the shaft (2) lies outside the space. Another problem with conventional applicator assemblies is that the applicator tends to become clogged with material and therefore unhygienic. In another aspect the invention provides an applicator system by which an applicator head can be renewed. The system provides a handle and a plurality of applicator heads, each adapted for retaining a liquid, semi-liquid, paste-like or viscous material to be applied, said handle being adapted for engagement with each of said applicator heads for the formulation of an assembled applicator, the applicator heads being interconnected to form a multiple head unit from which the heads may be individually detached as they are needed for assembly with said handle.

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Citation (search report)

- US 2721561 A 19551025 DYCHE FLORA K
- DE 2425062 A1 19751204 TEISSEIRE GEB WEYRICH DOROTHEA
- FR 960784 A 19500425
- US 3369854 A 19680220 JACK FERRIS

Cited by

EP0237360A3; US5765574A; FR2733398A1; US5794632A; CN111372487A; EP0323336A1; FR2625083A1; US4889228A; EP0700646A1; FR2723825A1; US5803097A; WO2009037504A1; EP2106719A1; WO2008025897A2; US8235618B2

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