

12 EUROPEAN PATENT APPLICATION

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54 Holder for cosmetics stick.

57 Recent improvements in cosmetics materials have included the development of certain highly volatile binders for power colouring compositions, e.g. facial blushers etc; these binders can be used to retain the composition in integral stick form, and have the added advantage of possessing high slip coefficients, thus aiding application of the cosmetic to the skin. However, being highly volatile, they tend to evaporate from the stick and even in the close confines of the conventional twist-stick assembly (e.g. as hitherto used for lipsticks) this evaporation would quite quickly result in disintegration of the stick. The invention concerns a holder

assembly for a cosmetics stick incorporating such a binder and includes a base (3, 5) which is open at one end and which has relatively rotatable inner (5) and outer (3) tubes and which houses a stick holder cup (18) arranged to be axially movable by relative rotation of the tubes, and a cap (2) which fits over the open end of the base. Respective seals (31, 41) are provided to seal between the cap and the base on the one hand, and between the cup and the inner tube on the other hand so as to inhibit egress of vapour formed within the assembly by evaporation of the binder.

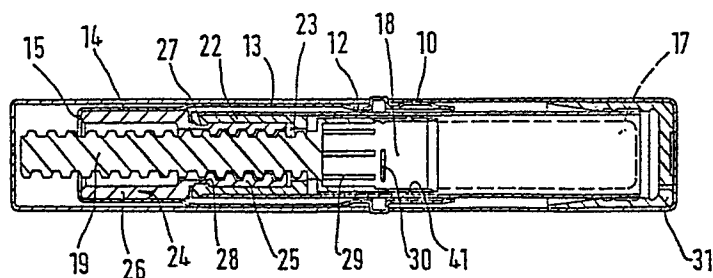


FIG.1



European Patent  
Office

# EUROPEAN SEARCH REPORT

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| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                   |                                                |                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Citation of document with indication, where appropriate, of relevant passages                                     | Relevant to claim                              | CLASSIFICATION OF THE APPLICATION (Int. Cl.4) |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DE - A1 - 3 316 573 (BRAMLAGE GMBH)<br>* Fig.3 *<br>---                                                           | 1-11                                           | A 45 D 40/04                                  |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DE - A1 - 2 807 472 (JOSEF WISCHE-RATH KG)<br>* Fig.1 *<br>--                                                     | 1-11                                           |                                               |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | US - A - 4 232 977 (CHUTTER)<br>* Fig.2,6 *<br>--                                                                 | 1-11                                           |                                               |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | US - A - 4 139 311 (LORSCHIEDT)<br>* Fig.1,3,4,5 *<br>--                                                          | 1-11                                           |                                               |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | US - A - 3 907 441 (IDEC et al.)<br>* Fig.1,3,4,5 *<br>--                                                         | 1-11                                           | TECHNICAL FIELDS SEARCHED (Int. Cl.4)         |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | US - A - 3 589 821 (BARNEY, GREEN)<br>* Fig.3 *<br>--                                                             | 1-11                                           | A 45 D 40/00                                  |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | EP - A2,A3 - 0 070 257 (COMPAGNIE FRANCAISE DES MATIERES PLASTIQUES "PLASTO")<br>* Fig.2, sign.9; fig.3 *<br>---- | 1-11                                           |                                               |
| The present search report has been drawn up for all claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                   |                                                |                                               |
| Place of search<br>VIENNA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                   | Date of completion of the search<br>17-09-1986 | Examiner<br>PIRKER                            |
| <p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone<br/>Y : particularly relevant if combined with another document of the same category<br/>A : technological background<br/>O : non-written disclosure<br/>P : intermediate document</p> <p>T : theory or principle underlying the invention<br/>E : earlier patent document, but published on, or after the filing date<br/>D : document cited in the application<br/>L : document cited for other reasons<br/>&amp; : member of the same patent family, corresponding document</p> |                                                                                                                   |                                                |                                               |