

Title (en)

APPLICATOR WITH A 3D PRINTED APPLICATOR COMPONENT ATTACHED IN A SPECIAL WAY

Title (de)

APPLIKATOR MIT EINER AUF SPEZIELLE ART UND WEISE ANGEBRACHTEN 3D-GEDRUCKTEN APPLIKATORKOMPONENTE

Title (fr)

APPLICATEUR DOTÉ D'UN COMPOSANT D'APPLICATEUR IMPRIMÉ EN 3D FIXÉ DE MANIÈRE SPÉCIALE

Publication

**EP 4091500 A1 20221123 (EN)**

Application

**EP 21175278 A 20210521**

Priority

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Abstract (en)

The invention relates to an applicator (1) for applying a cosmetic, care or pharmaceutical product to skin or hair or an adhesive to any substrate comprising at least one first applicator component (2) made of polymer material and having a 3D printed texture as a result of its manufacture by 3D printing, and comprising at least one second applicator component (3) materially bonded to the first applicator component (2), characterized in that a joining material (11) is interposed between the first (2) and the second applicator component (3), in which said joining material (11) is made of the same polymer material family as the first applicator component (2) and in which the said joining material (11), when the first (2) and the second applicator component (3) are joined, has been introduced in its uncured state between the first (2) and the second applicator component (3) and has subsequently been brought to cure and thereby joins the applicator components (2, 3) to one another, whereby the same type of chemical linkage exists between the joining material (11) and the first applicator component (2) as it exists within the first applicator component (2) and whereby a chemical linkage and/or a mechanically form-fitting bond is also existing between the joining material (11) and the second applicator component (3).

IPC 8 full level

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Citation (search report)

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