

Title (en)
LIQUID COSMETIC MATERIAL IMPREGNATION COSMETIC PRODUCT HAVING THREE-DIMENSIONAL FABRIC IMPREGNATION MATERIAL

Title (de)
KOSMETISCHES PRODUKT ZUR IMPRÄGNIERUNG EINES FLÜSSIGEN KOSMETISCHEN MATERIALS MIT DREIDIMENSIONALEM GEWEBEIMPRÄGNIERMATERIAL

Title (fr)
PRODUIT COSMÉTIQUE D'IMPRÉGNATION DE MATÉRIAU COSMÉTIQUE LIQUIDE AYANT UN MATÉRIAU D'IMPRÉGNATION DE TISSU TRIDIMENSIONNEL

Publication
EP 3620077 A4 20210428 (EN)

Application
EP 17908602 A 20171228

Priority

- KR 20170057005 A 20170504
- KR 20170121054 A 20170920
- KR 2017015688 W 20171228

Abstract (en)
[origin: US2019335879A1] The present invention relates to a cosmetic product having a three-dimensional fabric impregnation material impregnated with a liquid cosmetic material. In the present invention, the impregnation material has a first surface and a second surface so as to be impregnated with a liquid cosmetic material, the impregnation material includes a vertically layered structure including: a first surface region having a first pattern; a second surface region having a second pattern; and a pillar region which is formed between the first surface region and the second surface region by Z-yarns that connect the first surface region and the second surface region, and a circumference of the impregnation material has a rim portion at which the vertically layered structure is compressed. According to the present invention, it is possible to provide the impregnation material impregnated with the liquid cosmetic material which implements a high impregnation rate and makes it easy to form a surface pattern.

IPC 8 full level
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CPC (source: EP KR US)
A45D 34/04 (2013.01 - EP KR US); **A45D 37/00** (2013.01 - EP); **D03D 11/00** (2013.01 - EP); **D03D 13/008** (2013.01 - EP); **D03D 25/005** (2013.01 - US); **A45D 2034/002** (2013.01 - KR); **A45D 2200/1018** (2013.01 - EP US); **A45D 2200/1036** (2013.01 - EP US); **D10B 2403/021** (2013.01 - EP); **D10B 2509/026** (2013.01 - US)

Citation (search report)

- [YA] KR 20170010458 A 20170201 - SAMWHA PLASTIC IND CO [KR]
- [Y] JP 2006082263 A 20060330 - SEKISUI CHEMICAL CO LTD, et al
- [A] US 3124825 A 19640317
- See also references of WO 2018203591A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 2019335879 A1 20191107; CN 110290723 A 20190927; CN 110290723 B 20220222; CN 114304865 A 20220412; EP 3620077 A1 20200311; EP 3620077 A4 20210428; EP 3620077 B1 20240228; JP 2020501814 A 20200123; JP 6992072 B2 20220113; KR 101906804 B1 20181011; KR 101906804 B9 20181011; WO 2018203591 A1 20181108

DOCDB simple family (application)
US 201716475021 A 20171228; CN 201780086344 A 20171228; CN 202111395123 A 20171228; EP 17908602 A 20171228; JP 2019533592 A 20171228; KR 20170121054 A 20170920; KR 2017015688 W 20171228