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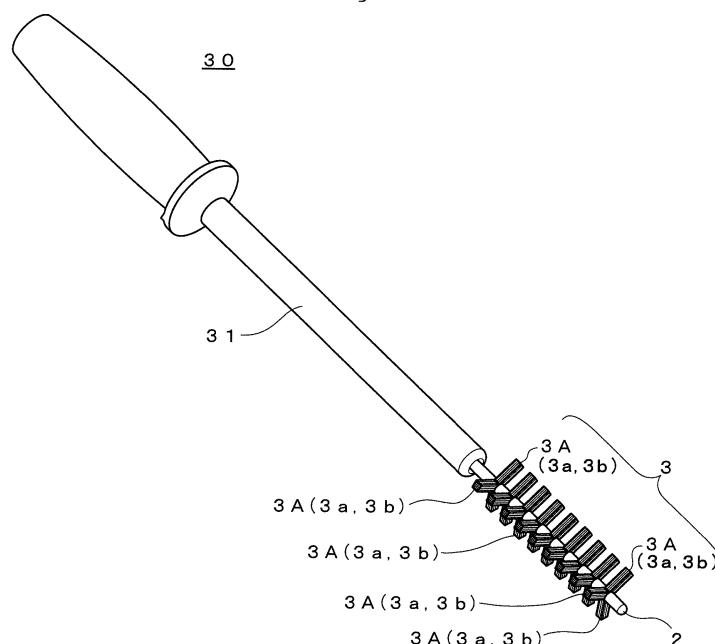
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(54) **BRUSH FOR COSMETIC PRODUCTS AND MANUFACTURING METHOD OF THE SAME**

(57) A brush for cosmetic implements includes a brush part attached to a support member; the brush part includes a plurality of synthetic resin fibers whose tip end has a conically tapered surface, and a plurality of fiber bundles composed of a plurality of synthetic resin fibers is formed at least three places in a radial circumferential

surface of the support member, and further formed in an axial direction of the support member. Provided is a brush for a cosmetic implements in which a brush bristle having a tapered end is provided around the support member in the radial direction, and a manufacturing method thereof.

Fig. 4



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EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 8 February 2018	Examiner Horrix, Doerte
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	



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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



LACK OF UNITY OF INVENTION
SHEET B

Application Number

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-3(completely); 8(partially)

A cosmetics brush, having a brush part and a support member,
and including a plurality of conical synthetic resin fibers,
and wherein a plurality of fiber bundles is formed on a
circumferential surface of the support member
- so as to extend in three radial directions.
A manufacturing method of said brush.

2. claims: 4-7(completely); 8(partially)

A cosmetics brush, having a brush part and a support member,
and including a plurality of conical synthetic resin fibers,
and wherein a plurality of fiber bundles is formed on a
circumferential surface of the support member
- so as to extend in at least two radial directions,
- and wherein the support member is formed of twisted two or
more metal wires holding the fiber bundles.
A manufacturing method of said brush.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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