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(54) **COSMETICS CONTAINER**

(57) A cosmetics container comprises a body (1) and an end lid (2) able to close the body (1). The body (1) comprises an accommodating tube (102). A flexible porous block (103) used for absorbing cosmetic liquid is placed inside the accommodating tube (102). The end lid (2) comprises a lid body (201), a support rib (202) and a brush head (3). The top end of the support rib (202) is connected to the internal top end of the lid body (201). The bottom end of the support rib (202) is connected to the brush head (3). The beneficial effects are: by means of arranging the flexible porous block (103) inside the accommodating tube (102), the cosmetic liquid is stored in the accommodating tube (102) by means of the absorption of the flexible porous block (103); during use, a user only needs to gently press the brush head (3) onto the flexible porous block (103) to soak up the cosmetic liquid, and a thin film of cosmetic liquid will be evenly distributed on the brush head (3) for the user to use; and the thus-soaked cosmetic liquid will thus not clump, and the use is more convenient.

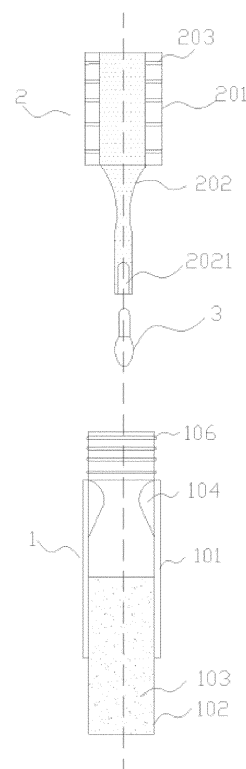


Fig. 1

Description

Technical Field

[0001] The present invention relates to the field of cosmetic packaging, and in particular to a cosmetics container.

Background

[0002] At present, makeup has become an indispensable part of people's daily life, and the form of cosmetics is also varied, such as powder, liquid, paste and so on. In order to facilitate the use of cosmetics, people generally make different cosmetics into different shapes and fit them in appropriate containers. Powdery liquid cosmetics, such as lip gloss liquid, eye shadow liquid, or eyeliner, are generally contained in a tube and are used with a brush head. However, because the powdery liquid cosmetic has a certain viscosity, when a user uses the brush head to soak up the cosmetics in the tube, the cosmetics often stick together on the brush head, and the uniformity of use is poor, which affects the use effect. At the same time, the brush head portion of the existing container cannot be replaced, which limits its use function. Moreover, in the existing containers, the color or remaining amount of the cosmetics in the interior generally cannot be directly observed, which is inconvenient.

Summary

[0003] In order to solve one or more of the above problems, there is provided a cosmetics container capable of uniformly soaking up a powdery liquid cosmetic.

[0004] According to an aspect of the present invention, there is provided a cosmetics container, comprising a body and an end lid able to close the body. The body comprises an accommodating tube. A flexible porous block for adsorbing cosmetic liquid is placed in the accommodating tube. The end lid comprises a lid body, a support rib and a brush head. The top end of the support rib is connected to the internal top end of the lid body. The bottom end of the support rib is connected to the brush head. The beneficial effects are: by means of arranging the flexible porous block inside the accommodating tube, the cosmetic liquid is stored in the accommodating tube by means of the absorption of the flexible porous block; during use, a user only needs to gently press the brush head onto the flexible porous block to soak up the cosmetic liquid, and a thin film of cosmetic liquid will be evenly distributed on the brush head for the user to use; and the thus-soaked cosmetic liquid will thus not clump, and the use is more convenient.

[0005] In some embodiments, the flexible porous block is a sponge, a cotton mass, a cloth mass, or a bamboo fiber mass. The beneficial effects are: the flexible porous block made of these materials has better softness and adsorption, and the use effect of the sponge is particularly

best. It is only necessary to gently press the brush head on the sponge to soak up the cosmetic liquid, and the cosmetic liquid can be distributed in a uniform thin layer on the brush head for the user to use.

[0006] In some embodiments, the flexible porous block is provided with a cavity in the middle, and the support rib and the brush head can be placed in the cavity. The beneficial effect is that the provision of the cavity can not only facilitate the placing of the support rib and the brush head, but also the most important thing is that the brush head is gently rotated in the cavity when the cosmetic liquid is soaked up, and then the periphery of the brush head will contact the flexible porous block and gently squeeze the flexible porous block so that the cosmetic liquid can be evenly soaked up around the brush head for the user to use. The thus-soaked cosmetic liquid will not clump and is more convenient to use.

[0007] In some embodiments, the body further includes an outer tube that is connected to the outside of the accommodating tube and covers the middle portion of the accommodating tube. The beneficial effect is that the arrangement of the outer tube facilitates further protection of the cosmetics container.

[0008] In some embodiments, the outer tube is of a dark-colored material structure and the accommodating tube is of a transparent material structure. The beneficial effect is that since the accommodating tube has a transparent material structure and at the same time the outer tube covers an upper middle part of the accommodating tube, the left bottom can facilitate observation of the color and the remaining amount of the cosmetics in the accommodating tube, thereby being more convenient for users to choose and use.

[0009] In some embodiments, the bottom end of the support rib is provided with a through hole, and the top of the brush head can be inserted into the through hole.

[0010] The beneficial effect is that through the connection manner that the through hole is arranged at the bottom end of the support rib and the brush head is inserted into the through hole, it is more convenient for the user to replace brush heads of different shapes, and further improve the use function thereof.

[0011] In some embodiments, the brush head is an eye shadow brush, a lip gloss brush, an eyeliner brush or a mascara brush.

[0012] In some embodiments, the inner wall of the accommodating tube is provided with a protrusion. The beneficial effect is that if the user feels that the soaked cosmetic liquid is excessive, the brush head can be scraped on the protrusion once or several times to reduce the cosmetic liquid on the brush head, thus the structure is simple and the use is convenient.

[0013] In some embodiments, the protrusion is of an arc-shaped structure. The beneficial effect is that the protrusion of the arc-shaped structure does not easily damage the brush head.

[0014] In some embodiments, the upper end of the body is provided with an external thread, and an internal

thread mated with the external thread is provided in the lid body. The beneficial effects are that the cooperation of the internal thread and the external thread can make the end lid better screw and close onto the body.

Brief Description Of The Drawings

[0015]

- FIG. 1 is a schematic view of a disassembled structure of a cosmetics container according to the present invention; and
- FIG. 2 is a schematic structural view of a body of a cosmetics container according to the present invention.

Detailed Description

[0016] The present invention will be further described in detail with reference to FIG. 1 and FIG. 2.

[0017] Referring to FIGS. 1 and 2, a cosmetics container is provided, including a body 1 and an end lid 2 able to close the body 1. The upper end of the body 1 is provided with an external thread 106. The lid body 201 is provided with an internal thread 203 mating the external thread 106. The cooperation of the internal thread 203 and the external thread 106 can better screw the end lid 2 onto the body 1. The body 1 includes an accommodating tube 102. A flexible porous block 103 for adsorbing cosmetic liquid is placed in the accommodating tube 102. The end lid 2 includes a cap body 201, a support rib 202, and a brush head 3. The top end of the support rib 202 is connected to the internal top end of the lid body 201. The bottom end of the support rib 202 is connected to the brush head 3. The flexible porous block 103 is a sponge, a cotton mass, a cloth mass or a bamboo fiber mass. The flexible porous block 103 made of these materials has better softness and adsorptivity. In particular, the sponge has the best use effect. It is only necessary to gently press the brush head 3 on the sponge to soak up the cosmetic liquid. The cosmetic liquid can be distributed on the brush head 3 in a uniform thin layer for use by the user. Therefore, by providing the flexible porous block 103 in the accommodating tube 102, the cosmetic liquid is stored in the accommodating tube 102 by the adsorption of the flexible porous block 103. The user only needs to gently press the brush head 3 on the flexible porous block 103 to soak up the cosmetic liquid. The cosmetic liquid can be distributed on the brush head 3 in a uniform thin layer for the user to use. The thus-soaked cosmetic liquid will not clump and is more convenient to use.

[0018] In order to further facilitate the use, the flexible porous block 103 is provided with a cavity 105 in the middle. The support rib 202 and the brush head 3 can be placed in the cavity 105. The provision of the cavity 105 is not only convenient for placing the support rib 202 and the brush head 3, but also the most important thing

is that the brush head 3 is gently rotated within the cavity 105 when the cosmetic liquid is soaked up, and then the periphery of the brush head 3 will contact the flexible porous block 103 and gently presses the flexible porous block 103, so that the cosmetic liquid can be evenly soaked up to the periphery of the brush head 3 for the user to use. The thus-soaked cosmetic liquid will clump and is more convenient for use.

[0019] In order to facilitate the observation of the color and remaining amount of the cosmetic liquid in the body 1, the body 1 further includes an outer tube 101. The outer tube 101 is connected to the outside of the accommodating tube 102 and covers the middle portion of the accommodating tube 102. The outer tube 101 has a dark-colored material structure, and the accommodating tube 102 has a transparent material structure. Since the accommodating tube 102 has a transparent material structure and at the same time the outer tube 101 covers an upper middle portion of the accommodating tube 102, the left bottom can facilitate the observation of the color and the remaining amount of the cosmetics in the tube 102, thereby being more convenient for users to choose and use.

[0020] In order to facilitate the replacement of different shapes or different functions, the bottom end of the support rib 202 is provided with a through hole 201. The top of the brush head 3 can be inserted into the through hole 201. Specifically, the aperture of the through hole 201 is gently smaller than the diameter of the top of the brush head 3. The top of the brush head 3 can be inserted into the through hole 201 by pressing. The brush head 3 is an eye shadow brush, a lip gloss brush, an eyeliner brush or a mascara brush. By providing the through hole 201 at the bottom of the support rib 202 and inserting the brush head 3 into the through hole 201, it is more convenient for the user to replace brush heads 3 of different shapes or different functions, thereby further improving its function.

[0021] In order to further control the amount of cosmetic liquid that is soaked up to the brush head 3, a projection 104 is provided on the inner wall of the accommodating tube 102. If the user feels that the soaked cosmetic liquid is excessive, the brush head 3 can be scraped on the protrusion 104 once or several times to reduce the cosmetic liquid on the brush head 3, which is simple in structure and convenient to use. The protrusion 104 is of an arc-shaped structure, and the protrusion 104 of the arc-shaped structure is not easy to cause damage to the brush head 3.

[0022] The above description is merely some embodiments of the present invention, and it should be pointed out that those skilled in the art can make other variations and improvements without departing from the inventive concept of the present invention, which all fall into the protection scope of the present invention.

Claims

1. A cosmetics container, comprising a body (1) and an end lid (2) able to close the body (1), wherein the body (1) comprises an accommodating tube (102), and a flexible porous block (103) for adsorbing cosmetic liquid is placed inside the accommodating tube (102); and the end lid (2) comprises a lid body (201), a support rib (202) and a brush head (3), the top end of the support rib (202) being connected to the internal top end of the lid body (201), and the bottom end of the support rib (202) being connected to the brush head (3). 5
2. The cosmetics container according to claim 1, **characterized in that** the flexible porous block (103) is a sponge, a cotton mass, a cloth mass or a bamboo fiber mass. 10
3. The cosmetics container according to claim 1, **characterized in that** a cavity (105) is defined in the middle of the flexible porous block (103), and the support rib (202) and the brush head (3) can be placed in the cavity (105). 15
4. The cosmetics container according to claim 1, **characterized in that** the body (1) further comprises an outer tube (101), and the outer tube (101) is connected to the outside of the accommodating tube (102) and covers the middle portion of the accommodating tube (102). 20
5. The cosmetics container according to claim 4, **characterized in that** the outer tube (101) is of a dark-colored material structure and the accommodating tube (102) is of a transparent material structure. 25
6. The cosmetics container according to claim 1, **characterized in that** a through hole (2021) is defined in the bottom end of the support rib (202), and the top of the brush head (3) can be inserted into the through hole (2021). 30
7. The cosmetics container according to claim 1, **characterized in that** the brush head (3) is an eye shadow brush, a lip gloss brush, an eyeliner brush or a mascara brush. 35
8. The cosmetics container according to claim 1, **characterized in that** a protrusion (104) is provided on an inner wall of the accommodating tube (102). 40
9. The cosmetics container according to claim 8, **characterized in that** the projection (104) is of an arc-shaped structure. 45
10. The cosmetics container according to any one of claims 1 to 9, **characterized in that** the upper end 50

of the body (1) is provided with an external thread (106), and the lid body (201) is provided with an internal thread (203) mating the external thread (106).

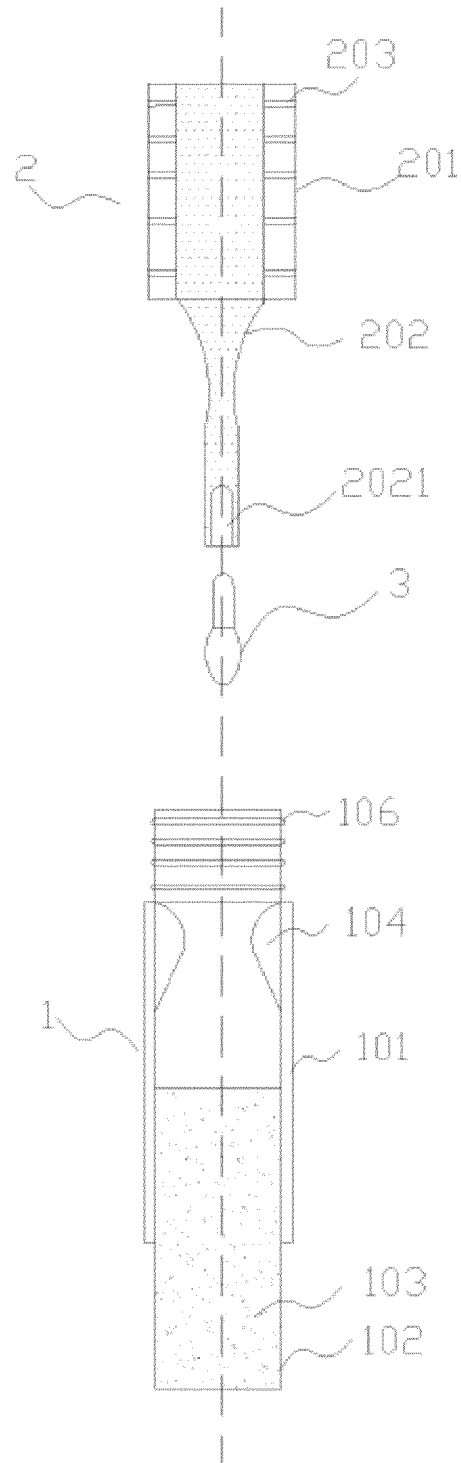


Fig. 1

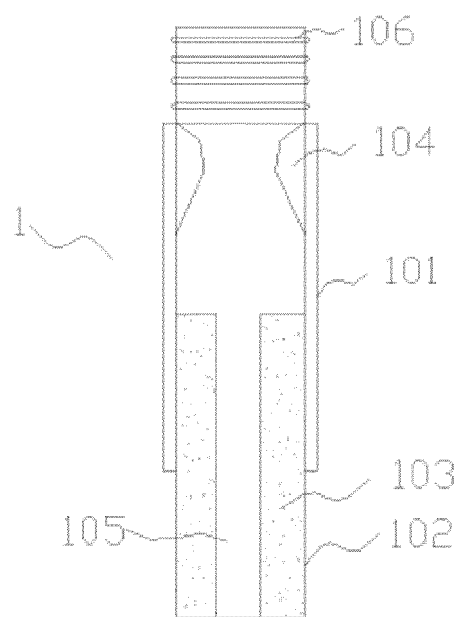


Fig. 2

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2015/094025

A. CLASSIFICATION OF SUBJECT MATTER

A45D 34/04 (2006.01) i; A45D 40/00 (2006.01) i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A45D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CNPAT, CNKI, WPI, EPODOC: CHEN, Wensheng: contain, lip gloss, eyelash, container?, shell+, tub+, bottle+, cosmetic, lip+, mascara, eyeliner, fluid, spong+, honeycomb?, porous, brush

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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☐ Further documents are listed in the continuation of Box C.
 ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	
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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family

Date of the actual completion of the international search 18 July 2016 (18.07.2016)	Date of mailing of the international search report 26 July 2016 (26.07.2016)
Name and mailing address of the ISA/CN: State Intellectual Property Office of the P. R. China No. 6, Xitucheng Road, Jimenqiao Haidian District, Beijing 100088, China Facsimile No.: (86-10) 62019451	Authorized officer TANG, Yu Telephone No.: (86-10) 62414211

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

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