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(54) Title (EN): LIQUID EYELINER HAVING LIQUID STORAGE FUNCTION

(54) Title (FR): LIGNEUR LIQUIDE AYANT UNE FONCTION DE STOCKAGE DE LIQUIDE

(54) Title (ZH): 具有蓄液功能的液体眼线笔

(57) Abstract:

(EN): A liquid eyeliner having a liquid storage function, wherein a brush cover (21) has a brush cover body (210); at least one air inlet (211) extending in the axial direction of the brush cover body (210) runs through the brush cover body (210) at a position close to a front shaft end thereof; the front side of the air inlet (211) is exposed outside a brush cover base (20); at least one first exhaust groove (212) extending in the axial direction of the brush cover body (210) is further formed on the outer peripheral sidewall of the brush cover body (210); the front side of the first exhaust groove (212) is communicated with the air inlet (211), and the rear side of the first exhaust groove (212) is communicated with a second exhaust groove on a distribution base (22); at least one liquid storage groove unit is provided on the inner peripheral sidewall of the brush cover body (210); each liquid storage groove unit consists of several circular arc-shaped liquid storage grooves (213) extending along the circumference of the brush cover body (210); the several circular arc-shaped liquid storage grooves (213) in each liquid storage groove unit are further arranged at intervals in the axial direction of the brush cover body (210). When the discharge amount is large, excessive eyeliner liquid is stored in the circular arc-shaped liquid storage grooves (213); when the discharge amount of bristles is insufficient, the eyeliner liquid in the liquid storage grooves (213) is added to the bristles for supplementation, so that the discharge stability of the bristles is ensured.

(FR): La présente invention concerne un ligneur liquide ayant une fonction de stockage de liquide, un étui de pinceau (21) comportant un corps d'étui de pinceau (210) ; au moins une entrée d'air (211), s'étendant dans la direction axiale du corps d'étui de pinceau (210), s'étend à travers le corps d'étui de pinceau (210) à une position proche d'une extrémité d'arbre avant dudit corps ; le côté avant de l'entrée d'air (211) est exposé à l'extérieur d'une base d'étui de pinceau (20) ; au moins une première rainure d'évacuation (212), s'étendant dans la direction axiale du corps d'étui de pinceau (210), est en outre formée sur la paroi latérale périphérique externe du corps d'étui de pinceau (210) ; le côté avant de la première rainure d'évacuation (212) est en

communication avec l'entrée d'air (211) et le côté arrière de la première rainure d'évacuation (212) est en communication avec une deuxième rainure d'évacuation sur une base de distribution (22) ; au moins une unité de rainure de stockage de liquide est disposée sur la paroi latérale périphérique interne du corps d'étui de pinceau (210) ; chaque unité de rainure de stockage de liquide est constituée de plusieurs rainures de stockage de liquide en forme d'arc de cercle (213), s'étendant le long de la circonférence du corps d'étui de pinceau (210) ; les multiples rainures de stockage de liquide en forme d'arc de cercle (213), dans chaque unité de rainure de stockage de liquide, sont en outre agencées à des intervalles dans la direction axiale du corps d'étui de pinceau (210). Lorsque la quantité de rejet est importante, un liquide du ligneur excessif est stocké dans les rainures de stockage de liquide en forme d'arc de cercle (213) ; lorsque la quantité de rejet des soies est insuffisante, le liquide du ligneur dans les rainures de stockage de liquide (213) est ajouté aux soies pour une supplémentation de sorte que la stabilité de rejet des soies est assurée.

(ZH): 一种具有蓄液功能的液体眼线笔,其中的刷套(21)具有刷套本体(210),刷套本体(210)上并靠近其前轴端的位置处贯穿开设有至少一条沿其轴向延伸的进气孔(211),进气孔(211)前侧露出于刷套座(20)外;还在刷套本体(210)的外周侧壁上形成有至少一个沿其轴向延伸的第一排气槽(212),第一排气槽(212)前侧与进气孔(211)相通,第一排气槽(212)后侧与分流座(22)上的第二排气槽相通;刷套本体(210)的内周侧壁上设置有至少一个蓄液槽单元,每一蓄液槽单元各由若干沿刷套本体(210)周向延伸的圆弧形蓄液槽(213)组成,每一蓄液槽单元中的若干圆弧形蓄液槽(213)还沿刷套本体(210)的轴向间隔排列;当出料量多时,多余的眼线液会被储蓄到圆弧形蓄液槽(213)内,当刷毛出料量不足时,蓄液槽(213)内的眼线液便会补充至刷毛中,保障了刷毛的出料稳定性。

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Declarations:

Declaration made as to the identity of the inventor (PCT Rules 4.17(i) and 51bis.1(a)(i))

Declaration made as applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate

Declaration made as applicant's entitlement, as at the international filing date, to claim the priority of the earlier application, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America