

Title (en)

SMEARING DEVICE HAVING SPECIALLY-SHAPED HEAD

Title (de)

SCHMIERVORRICHTUNG MIT SPEZIELL GEFORMTEM KOPF

Title (fr)

DISPOSITIF APPLICATEUR COMPORTANT UNE TÊTE DE FORME SPÉCIALE

Publication

EP 3300626 A4 20180418 (EN)

Application

EP 15897551 A 20150921

Priority

- CN 201510385662 A 20150703
- CN 2015090090 W 20150921

Abstract (en)

[origin: EP3300626A1] A smearing device having a specially-shaped head comprises a container (1), a cover (2), a brush rod (3), a smearing body (4), and an inner plug (5). The smearing body (4) is fixedly connected to the tail end of the brush rod (3), and the radial section of the smearing body (4) is of a special non-circular shape. The inner plug (5) comprises a fixed portion (51) fixedly disposed at an opening of the container (1), and a rotating portion (52) disposed at the lower end of the fixed portion (51), rotating in a circumferential direction and fixed in other directions. A material scraping hole (521) allowing tight penetration of the brush rod (3) and used to wipe excessive cosmetics on the smearing body (4) is formed in an axial direction of the rotating portion (52). The radial section shape of the material scraping hole (521) and the radial section shape of the brush rod (3) match the section shape of the smearing body (4) separately. When the cover (2) is opened or closed, the cover (2) can drive the brush rod (3) and the rotating portion (52) to rotate relative to the fixed portion (51). By designing the brush rod (3) and the material scraping hole (521) of the inner plug (5) to match the specially-shaped smearing body (4) and designing the inner plug (5) to be of a rotatable upper-lower layer structure, the problems of non-thorough material scraping and material gathering of a specially-shaped head can be resolved.

IPC 8 full level

A45D 34/04 (2006.01); **A45D 40/26** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

- [Y] US 2014016983 A1 20140116 - KIM YOON HOI [US]
- [Y] WO 2014116390 A1 20140731 - ELC MAN LLC [US]
- See references of WO 2017004895A1

Cited by

FR3121664A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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BA ME

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