

Title (en)

PERSONAL CARE DEVICE WITH PIVOTABLE TREATMENT HEAD

Title (de)

KÖRPERPFLEGEVORRICHTUNG MIT SCHWENKBAREM BEHANDLUNGSKOPF

Title (fr)

DISPOSITIF DE SOINS PERSONNELS AYANT UNE TÊTE DE TRAITEMENT PIVOTANTE

Publication

**EP 3663058 A1 20200610 (EN)**

Application

**EP 18209986 A 20181204**

Priority

EP 18209986 A 20181204

Abstract (en)

The present disclosure is concerned with a personal care device with a treatment head being pivot-mounted around a pivot axis with respect to a body of the personal care device, the personal care device having a pin having a pin head, the pin being provided at one of the treatment head or body, a cam element having a cam surface being provided at the other one of the treatment head or body, a spring element biasing the pin head and the cam surface against each other, wherein the pin head is in contact with the cam surface and the cam surface is shaped such that it defines a rest position at which the biasing spring force provided by the spring element with which the pin head and the cam surface are pushed against each other has a non-zero minimum value, and wherein a pivoting of the head around the pivot axis causes the pin head to move along the cam surface and the cam surface is further shaped such that the spring force pushing the pin head and the cam surface against each other increases with increasing pivoting angle.

IPC 8 full level

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CPC (source: EP KR)

**A45D 26/0023** (2013.01 - EP KR); **B26B 19/048** (2013.01 - EP KR); **A45D 2026/008** (2013.01 - EP KR)

Citation (applicant)

EP 1372428 A1 20040102 - SEB SA [FR]

Citation (search report)

[X] EP 3398737 A1 20181107 - BIC VIOLEX SA [GR]

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