

Title (en)

Improved toothbrush with interchangeable head and method of manufacture therefor

Title (de)

Verbesserte Zahnbürste mit auswechselbarem Bürstenträger und Herstellungsverfahren

Title (fr)

Brosse à dents améliorée avec support de soies interchangeable et méthode de fabrication

Publication

EP 1075806 A1 20010214 (EN)

Application

EP 00117179 A 20000810

Priority

- IT MI991806 A 19990810
- IT MI20001099 A 20000518

Abstract (en)

The present invention relates to a device for oral hygiene and a method for manufacture thereof, in which a replaceable insert (4), provided with working elements, can be locked by holding means (39,49,6) inside a housing head integral with to a handle. Said holding means comprise at least one retaining element integral with the insert and a slider (7) which is slid able inside said handle and can be actuated voluntarily between a locked position, in which one locking end (6) thereof is engaged with said retaining element, and a disengaged position. <IMAGE>

IPC 1-7

A46B 7/04

IPC 8 full level

A46B 7/04 (2006.01)

CPC (source: EP)

A46B 7/042 (2013.01); **A46B 2200/1066** (2013.01)

Citation (applicant)

- EP 0870440 A1 19981014 - PONZINI SPA [IT]
- US 5471701 A 19951205 - PARFENIE MIHAI [CA]
- WO 9801055 A1 19980115 - TRISA BUERSTENFABRIK AG [CH], et al

Citation (search report)

- [X] CH 83482 A 19200517 - STRAUSS CHARLES [CH]
- [X] FR 602745 A 19260325 - PROD ASEPTIQUES SOC D EXPL DES
- [X] FR 95197 E 19700731 - RAULO JEAN [FR]
- [X] FR 459442 A 19131105 - ADAM DICKSON FORDYCE [CA]
- [A] US 5875510 A 19990302 - LAMOND DONALD [US], et al

Cited by

US2022369799A1; US11882925B2; EP1817978A1; CN110167480A; US7267548B2; WO03034863A1; WO0187112A1

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