

Title (en)
TOOTBRUSH WITH SLOW RELEASE OF DISINFECTANT AND ANTI-BACTERIAL AGENTS AND METHOD OF MANUFACTURING THE SAME

Publication
EP 0332026 B1 19930714 (EN)

Application
EP 89103503 A 19890228

Priority
US 16565088 A 19880308

Abstract (en)
[origin: EP0332026A1] A toothbrush, in the tuft holes (15) of which are included capsules (14) containing a disinfectant and/or medicaments, e.g. anti-bacterial agents, for release over an extended period of time. The capsules (14) are inserted in the bases (12) of the tuft holes (15). Alternatively, the agents can be coated onto the tuft anchors (17) or incorporated therein.

IPC 1-7
A46B 11/00

IPC 8 full level
A46B 15/00 (2006.01); **A46B 3/22** (2006.01); **A46B 11/00** (2006.01); **A46B 11/04** (2006.01); **A46D 3/04** (2006.01); **A61C 17/00** (2006.01)

CPC (source: EP)
A46B 11/00 (2013.01); **A46B 11/0068** (2013.01); **A46B 11/0082** (2013.01); **A46B 2200/1066** (2013.01)

Cited by
ITPD20130126A1; FR2643261A1; DE19646519A1; WO9955194A1; US7331731B2; US10016053B2

Designated contracting state (EPC)
BE DE FR GB GR IT

DOCDB simple family (publication)
EP 0332026 A1 19890913; EP 0332026 B1 19930714; AU 3087689 A 19890914; AU 616483 B2 19911031; BR 8901058 A 19891024; CA 1321290 C 19930817; DE 68907502 D1 19930819; DE 68907502 T2 19940217; DK 110989 A 19890909; DK 110989 D0 19890307; DK 169886 B1 19950327; JP H027903 A 19900111; MX 169824 B 19930727; PH 27587 A 19930818

DOCDB simple family (application)
EP 89103503 A 19890228; AU 3087689 A 19890301; BR 8901058 A 19890307; CA 592981 A 19890307; DE 68907502 T 19890228; DK 110989 A 19890307; JP 5599989 A 19890308; MX 1515989 A 19890306; PH 38298 A 19890307