

Title (en)  
TOOTHBRUSH

Title (de)  
ZAHNBÜRSTE

Title (fr)  
BROSSE A DENTS

Publication  
**EP 1964489 A4 20130227 (EN)**

Application  
**EP 06833261 A 20061124**

Priority  
• JP 2006323457 W 20061124  
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Abstract (en)  
[origin: EP1964489A1] A toothbrush (1), comprising a tufted portion in which a plurality of tufts (4) to (7) formed of bristles made of synthetic resin are fixed to a head portion (3) of a toothbrush body made of synthetic resin, some of the plurality of tufts (4) to (7) having substantially the same horizontal cross sectional shape, and being arranged adjacent to each other in a central axis direction of the toothbrush in such a manner that a distance between centers of the tufts becomes substantially equal to a length in a width direction of a tooth.

IPC 8 full level  
**A46B 9/04** (2006.01); **A46D 1/00** (2006.01)

CPC (source: EP US)  
**A46B 9/028** (2013.01 - EP US); **A46B 9/045** (2013.01 - EP US); **A46D 1/00** (2013.01 - EP US); **A46D 1/0207** (2013.01 - EP US);  
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**A46B 2200/1066** (2013.01 - EP US); **A46B 2200/108** (2013.01 - EP US)

Citation (search report)  
• [X] WO 9703587 A1 19970206 - SMITHKLINE BEECHHAM CONSUMER H [DE], et al  
• [X] US 1981657 A 19341120 - MILLER ROMIE H  
• See references of WO 2007063775A1

Cited by  
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DOCDB simple family (publication)  
**EP 1964489 A1 20080903**; **EP 1964489 A4 20130227**; **EP 1964489 B1 20190918**; CA 2631552 A1 20070607; CA 2631552 C 20140805;  
CN 101321480 A 20081210; ES 2758474 T3 20200505; JP 2007151704 A 20070621; JP 4816037 B2 20111116; TW 200735815 A 20071001;  
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