

Title (en)  
RESILIENTLY FLEXIBLE BRISTLE BEARING HEAD TOOTHBRUSH

Title (de)  
ZAHNBÜRSTENKOPF MIT ELASTISCH, FLEXIBLEN BORSTEN

Title (fr)  
BROSSE A DENTS A TETE SOUPLE, ELASTIQUE, POURVUE DE POILS

Publication  
**EP 0769920 A4 20000301 (EN)**

Application  
**EP 95925631 A 19950712**

Priority

- GB 9414140 A 19940713
- US 9508740 W 19950712

Abstract (en)  
[origin: WO9602165A1] A toothbrush having a handle (2) and a resiliently flexible bristle-bearing head (1) wherein, when the toothbrush is in its normal stress-free configuration, the free ends of bristles lying along a longitudinal and/or transverse axis of the brush form a generally concave profile (9) adapted to suit the buccal surface of the teeth (10). The toothbrush head (1) can flexibly conform to a convex profile to suit the labial surface (12) of the teeth (10) or to avoid damage to the gums (18).

IPC 1-7  
**A46B 7/06**

IPC 8 full level  
**A46B 5/00** (2006.01); **A46B 7/06** (2006.01); **A46B 9/04** (2006.01)

CPC (source: EP KR)  
**A46B 5/0025** (2013.01 - EP); **A46B 7/06** (2013.01 - EP KR); **A46B 9/026** (2013.01 - EP); **A46B 9/04** (2013.01 - EP);  
**A46B 2200/1066** (2013.01 - EP)

Citation (search report)

- [X] US 2438268 A 19480323 - BRESSLER LOUIS R
- [XY] DE 1657299 A1 19710211 - LECLERC SA DES ETS
- [Y] FR 2040545 A5 19710122 - UNICLER
- [Y] WO 9217093 A1 19921015 - LINGNER & FISCHER GMBH [DE]
- See references of WO 9602165A1

Cited by  
WO2008135258A3; US10687610B2; US10426250B2; US10743646B2; US11291293B2; US11779102B2; US11517412B2; USD997567S;  
USD883676S; USD1004980S; US11833004B2; US10595628B2; USD960582S; US10182644B2; US10226118B2; US10835026B2;  
DE102007021314A1; EP2471408A2; US10021959B2; US10455931B2; US10660430B2; WO2008135258A2; US11229281B2

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)  
**WO 9602165 A1 19960201**; AT E249765 T1 20031015; AU 2969895 A 19960216; AU 706139 B2 19990610; BR 9508399 A 19980526;  
CA 2194054 A1 19960201; CA 2194054 C 20000919; CN 1108125 C 20030514; CN 1150748 A 19970528; DE 69531786 D1 20031023;  
DE 69531786 T2 20040715; EP 0769920 A1 19970502; EP 0769920 A4 20000301; EP 0769920 B1 20030917; EP 1300096 A2 20030409;  
EP 1300096 A3 20031126; ES 2202367 T3 20040401; GB 9414140 D0 19940831; HU 218758 B 20001128; HU T77207 A 19980302;  
IL 114577 A0 19951127; JP H10502846 A 19980317; KR 100253963 B1 20000501; KR 970704372 A 19970906; MX 9700341 A 19970531;  
PE 39296 A1 19961126; PL 178909 B1 20000630; PL 318155 A1 19970512; RU 2158101 C2 20001027; TR 199500852 A2 19960621;  
TW 279795 B 19960701; ZA 955833 B 19960221

DOCDB simple family (application)  
**US 9508740 W 19950712**; AT 95925631 T 19950712; AU 2969895 A 19950712; BR 9508399 A 19950712; CA 2194054 A 19950712;  
CN 95193601 A 19950712; DE 69531786 T 19950712; EP 02028499 A 19950712; EP 95925631 A 19950712; ES 95925631 T 19950712;  
GB 9414140 A 19940713; HU 9700058 A 19950712; IL 11457795 A 19950712; JP 50511996 A 19950712; KR 19970700166 A 19970111;  
MX 9700341 A 19950712; PE 27371695 A 19950713; PL 31815595 A 19950712; RU 97102048 A 19950712; TR 9500852 A 19950713;  
TW 84110652 A 19951011; ZA 955833 A 19950713