

Title (en)
TOOTHBRUSH

Title (de)
ZAHNBÜRSTE

Title (fr)
BROSSE A DENTS

Publication
EP 1538946 A2 20050615 (EN)

Application
EP 03788576 A 20030818

Priority
• US 0325721 W 20030818
• US 40442102 P 20020819

Abstract (en)
[origin: WO2004016188A2] A toothbrush (10) includes a head (14) having multiple cleaning elements (24, 26). One set of the cleaning elements is longer than the other and relatively rigid. That set (24) alternates with a shorter, springier set (26) of cleaning elements (24, 26). The flexibility of the shorter springier cleaning elements (26) facilitates penetration of the longer cleaning elements (24) into the interproximal area of the user's teeth.

IPC 1-7
A46B 9/04

IPC 8 full level
A46B 9/04 (2006.01)

CPC (source: EP KR US)
A46B 9/005 (2013.01 - EP US); **A46B 9/028** (2013.01 - EP US); **A46B 9/04** (2013.01 - EP KR US); **A46B 2200/1066** (2013.01 - EP US)

Citation (search report)
See references of WO 2004016188A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004016188 A2 20040226; **WO 2004016188 A3 20040325**; AU 2003263865 A1 20040303; BR 0313617 A 20050621;
CA 2495388 A1 20040226; CN 1688226 A 20051026; EP 1538946 A2 20050615; KR 20050065533 A 20050629; MX PA05001988 A 20050428;
US 2005138744 A1 20050630

DOCDB simple family (application)
US 0325721 W 20030818; AU 2003263865 A 20030818; BR 0313617 A 20030818; CA 2495388 A 20030818; CN 03824406 A 20030818;
EP 03788576 A 20030818; KR 20057002706 A 20050217; MX PA05001988 A 20030818; US 6206405 A 20050218