

Title (en)
TOOTHBRUSH

Title (de)
ZAHNBÜRSTE

Title (fr)
BROSSE A DENTS

Publication
EP 0708609 B1 19981223 (EN)

Application
EP 93925122 A 19931029

Priority
• US 9310401 W 19931029
• US 97032792 A 19921102
• US 80370497 A 19970221

Abstract (en)
[origin: WO9409678A1] The present invention relates to a toothbrush which exhibits superior interproximal and gingival margin cleaning. The toothbrush includes an elongated handle member (12) connected to a toothbrush head member (14). The head is divided into a "toe" (20) and "heel" (22) region. A multiplicity of bristles (24) extend from the heel portion, the distal ends of these bristles form a longitudinally aligned concave shape (28) when viewed on end. A multiplicity of bristles (30) extend from the toe region of the head wherein these bristles are at least as tall as the general height of the bristles extending from the heel portion when viewed from the side and wherein the side profile view of the distal ends of the bristles extending from the toe portion form a generally linear surface which forms an angle relative to the general plane of the bristles extending from the heel portion.

IPC 1-7
A46B 9/04

IPC 8 full level
A46B 3/22 (2006.01); **A46B 9/04** (2006.01); **A46D 1/00** (2006.01)

CPC (source: EP)
A46B 9/026 (2013.01); **A46B 9/04** (2013.01); **A46B 2200/1066** (2013.01)

Cited by
US6886207B1

Designated contracting state (EPC)
DE ES FR GB IE IT NL PT

DOCDB simple family (publication)
WO 9409678 A1 19940511; AU 5455694 A 19940524; AU 669765 B2 19960620; CA 2148243 A1 19940511; CA 2148243 C 19971216; CN 1053095 C 20000607; CN 1088768 A 19940706; EP 0708609 A1 19960501; EP 0708609 A4 19951023; EP 0708609 B1 19981223; IL 107381 A0 19940125; IL 107381 A 19980104; PL 173112 B1 19980130; PL 308672 A1 19950821; ZA 937969 B 19950130

DOCDB simple family (application)
US 9310401 W 19931029; AU 5455694 A 19931029; CA 2148243 A 19931029; CN 93114203 A 19931102; EP 93925122 A 19931029; IL 10738193 A 19931025; PL 30867293 A 19931029; ZA 937969 A 19931026