

Title (en)  
Toothbrush

Title (de)  
Zahnbürste

Title (fr)  
Brosse à dents

Publication  
**EP 1661485 A3 20120711 (EN)**

Application  
**EP 05024708 A 20051111**

Priority  
• DE 202004017997 U 20041119  
• DE 202004018612 U 20041201

Abstract (en)  
[origin: EP1661485A2] A toothbrush comprises a brush body with a brush head and a carrier platelet attached to the brush head. A plurality of bristle bundles consisting of a thermoplastic material are attached anchor-less to the platelet. The brush head in addition has: bores, recesses or holes which have bristle bundles inserted and affixed with anchors or loops; and/or bores, recesses or holes which have knobs, pegs, pointed bristles or pointed cones inserted therein; and/or knobs, pegs, pointed bristles or pointed cones attached to the brush head.

IPC 8 full level  
**A46B 3/06** (2006.01); **A46B 3/08** (2006.01); **A46B 7/04** (2006.01); **A46D 1/00** (2006.01)

CPC (source: EP US)  
**A46B 3/06** (2013.01 - EP US); **A46B 3/08** (2013.01 - EP US); **A46B 7/04** (2013.01 - EP US); **A46D 1/00** (2013.01 - EP US)

Citation (search report)  
• [XY] WO 2004093718 A1 20041104 - TRISA HOLDING AG [CH], et al  
• [XY] WO 03086140 A1 20031023 - TRISA HOLDING AG [CH], et al  
• [XY] US 2004117934 A1 20040624 - PFENNIGER PHILIPP [CH], et al  
• [XY] WO 2004028293 A1 20040408 - COLGATE PALMOLIVE CO [US]

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

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
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