

Title (en)  
TOOTHBRUSH AND TOOTHBRUSH HEAD FOR SAID TOOTHBRUSH

Title (de)  
ZAHNBÜRSTE SOWIE ZAHNBÜRSTENKOPF HIERFÜR

Title (fr)  
BROSSE À DENTS ET TÊTE DE BROSSE À DENTS POUR CELLE-CI

Publication  
**EP 1993398 A1 20081126 (DE)**

Application  
**EP 06829759 A 20061220**

Priority  
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Abstract (en)  
[origin: US2008209649A1] A toothbrush and toothbrush head with a bristle carrier, on which a bristle section featuring a multitude of filaments is arranged. At least one filament is provided with a taper on its free end with a shape other than a rotationally symmetrical shape to preserve a high flexural strength of the filament in one direction. The taper is a flat-pressed scarfing such that the filament has a greater flexural strength with respect to a first lateral axis than with respect to a second lateral axis perpendicular to the first lateral axis in the region of the taper. The flat-pressed scarfing at the point of the filament improves penetration into the interdental spaces, while the higher geometrical moment of inertia of the wide side reduces the bending of the filament during use.

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

CPC (source: EP KR US)  
**A46B 9/04** (2013.01 - KR); **A46D 1/00** (2013.01 - EP US); **A46D 1/0276** (2013.01 - EP US); **A46D 1/04** (2013.01 - KR); **A46D 1/05** (2013.01 - KR); **A46B 2200/1066** (2013.01 - EP US)

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