

Title (en)  
Improvements in the design of toothbrushes

Title (de)  
Verbesserungen am Entwurf von Zahnbürsten

Title (fr)  
Améliorations dans la conception de brosses à dents

Publication  
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Application  
**EP 05106549 A 20050715**

Priority  
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Abstract (en)  
A toothbrush is formed with an angled extension (2) at one end carrying a small brush, not substantially longer than about 12mm, for cleaning lingual tooth surfaces. By designing the geometry of the brush handle (1) and extension (2) so that they define an angle of between 100 and 150 degrees and so that the brush is displaced from the handle axis by at least 20mm, it becomes possible to clean effectively the surfaces which are rarely cleaned well using a conventional brush. Other tooth surfaces are cleaned using a conventional brush (3) at the opposite end of the handle.

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CPC (source: EP)  
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Citation (applicant)  
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• US 3934298 A 19760127 - KIM JAMES S H  
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