

Title (en)  
Handle for a toothbrush

Title (de)  
Handgriff für eine Zahnbürste

Title (fr)  
Manche pour brosse à dent

Publication  
**EP 1764011 A1 20070321 (DE)**

Application  
**EP 05020182 A 20050916**

Priority  
EP 05020182 A 20050916

Abstract (en)  
Toothbrush handle (12) has a one-piece body (13) with hollow cavity (42) enclosed by a side (32). In the side are notches (30) set against each other which open out into the hollow cavity inside the brush. The handle is made from plastic produced by an injection moulding process using an injection moulding tool which has finger parts which, when the injection moulding tool is closed touch each other in sections and thereby form the notches and the hollow cavity on the hardened handle.

IPC 8 full level  
**A46B 5/02** (2006.01)

CPC (source: EP)  
**A46B 5/02** (2013.01); **A46B 2200/1066** (2013.01)

Citation (applicant)  
• EP 1119272 B1 20021204 - TRISA HOLDING AG [CH]  
• WO 0170590 A1 20010927 - COLGATE PALMOLIVE CO [US]

Citation (search report)  
• [DA] US 6687940 B1 20040210 - GROSS PETER [CH], et al  
• [A] US 2266195 A 19411216 - LAY HALLOCK ROBERT  
• [A] US 5813079 A 19980929 - HALM HANS [DE]  
• [A] US 2003116459 A1 20030626 - SARKAR ANAND [IN], et al  
• [X] DE 10219516 A1 20031120 - BRAUN GMBH [DE]

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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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