

Title (en)  
A toothbrush incorporating a replaceable toothpaste container

Title (de)  
Zahnbürste mit auswechselbarem Behälter für Zahnpasta

Title (fr)  
Brosse à dents à récipient remplaçable pour dentifrice

Publication  
**EP 1197163 A3 20021113 (EN)**

Application  
**EP 01500076 A 20010326**

Priority  
• ES 200002466 U 20001010  
• ES 200002479 U 20001011

Abstract (en)  
[origin: EP1197163A2] This toothbrush comprises a hollow body (1) with a head member (3) provided with bristles (4), said hollow body forming a handle (5) housing a toothpaste container (6) and a pump (7) provided to impel said toothpaste towards the base of said bristles (4). This toothbrush is characterized in that the pump (7) is actuated by means of an outer push (9) being mounted in a slidable arrangement on said handle (5), said push (9) having means being provided to engage the very body of said pump. The handle (5) has a lateral opening (10), said push (9) being provided to operate said pump (7) being fitted to said opening. Also characteristic is the fact that the open top (22) of the container (6) is capped by means of an open cap (23) extending into a cannula (21) towards the inside of said container. <IMAGE>

IPC 1-7  
**A46B 11/00**

IPC 8 full level  
**A46B 11/00** (2006.01)

CPC (source: EP)  
**A46B 11/002** (2013.01)

Citation (search report)  
• [XY] WO 9908564 A1 19990225 - VERESK BIOSYSTEMS LTD [GB], et al  
• [Y] GB 2194728 A 19880316 - FOY GARY MARTIN, et al  
• [XY] US 5346324 A 19940913 - KUO YOUTI [US]  
• [Y] US 5918995 A 19990706 - PUURUNEN JUHA-PEKKA [FI]  
• [A] US 4717278 A 19880105 - KEMENY GEORGE [US]

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