

Title (en)  
Toothbrush

Title (de)  
Zahnbürste

Title (fr)  
Brosse à dents

Publication  
**EP 0933044 A3 19990922 (DE)**

Application  
**EP 99890022 A 19990127**

Priority  
AT 5598 U 19980203

Abstract (en)  
[origin: EP0933044A2] The toothbrush (18) has a contact face (23), which operates the dosing pump (10,12,13) of the toothpaste container (1). The contact face is positioned on the same side as the brush head (17). A support face (25) on the opposite side acts with a support face (27) on the container. The container has an elastically deformable neck (14) with a dispenser aperture (5), and the brush is hingeably fastened to the neck. The container has a membrane for the membrane dosing pump, which acts with the contact face on the brush.

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

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

CPC (source: EP)  
**A46B 11/002** (2013.01); **A46B 5/002** (2013.01); **A46B 2200/1066** (2013.01)

Citation (search report)

- [X] WO 9508934 A1 19950406 - KUO YOUTI [US]
- [XA] WO 9508282 A1 19950330 - TAGHAVI KHANGHAH SAID [GB]
- [PX] WO 9902272 A1 19990121 - WIEGNER GEORG [CN], et al

Cited by  
CN102573562A; WO2011035359A2; WO2011035359A3; WO2004105548A1

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**EP 0933044 A2 19990804; EP 0933044 A3 19990922; EP 0933044 B1 20031126**; AT 3162 U1 19991125; AT E254866 T1 20031215; DE 59907824 D1 20040108

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