

Title (en)  
TOOTH OR SHAVING BRUSH WITH A RESERVOIR

Publication  
**EP 0142651 B1 19881026 (DE)**

Application  
**EP 84110688 A 19840907**

Priority  
DE 8333430 U 19831122

Abstract (en)  
[origin: US4580587A] A filled toothbrush or filled shaving brush which includes a tubular handle 4, in the hollow of which toothpaste or shaving snap is placed. At one end of the handle is a removable bristle holder, supplied with bristles, snap mounted so that it can be turned relative to the handle. The bristle holder has a connecting channel which leads from the bristles into the hollow of the handle and up to its end. A metering piston is mounted on the connecting channel and can be moved axially by rotating the handle relative to the bristle holder, and is at the same time prevented from rotating, relative to the connecting channel. Both the outer circumference of the piston and the inner surface of the handle are threaded to effect axial movement of the piston. The axis of bristle holder 1 may be offset from the rotational axis of handle 4 so that unintentional turning of the bristle holder relative to the handle, when in use, is prevented.

IPC 1-7  
**A46B 11/02**

IPC 8 full level  
**A46B 11/00** (2006.01); **A46B 11/02** (2006.01)

CPC (source: EP US)  
**A46B 11/0027** (2013.01 - EP US); **A46B 2200/1033** (2013.01 - EP US); **A46B 2200/1066** (2013.01 - EP US)

Cited by  
DE9417795U1; DE102006024352A1; DE102006024352B4; FR2789859A1; WO0049912A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0142651 A2 19850529; EP 0142651 A3 19851016; EP 0142651 B1 19881026**; AT E38134 T1 19881115; DE 3474764 D1 19881201; DE 8333430 U1 19840216; US 4580587 A 19860408

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