

Title (en)
TOOTHBRUSH DEVICE

Title (de)
ZAHNBÜRSTENVORRICHTUNG

Title (fr)
DISPOSITIF DE BROSSE A DENTS

Publication
EP 1237439 A1 20020911 (EN)

Application
EP 00983580 A 20001214

Priority
• NO 0000427 W 20001214
• NO 996303 A 19991217

Abstract (en)
[origin: WO0143582A1] A toothbrush where an intermediate area (4) between the brush handle (1) and the brush neck (2) has a weakened portion (5, 5', 5'') to cause the toothbrush head (3) to bend relative to the handle (1) when the working pressure on the toothbrush head exceeds a threshold value. The intermediate section (4) has at least one area of contact (6; 7) for one or more of the toothbrush user's fingers, and the area of contact (6; 7) has at least two projections or prominent elevations (8, 9; 10; 11; 8'; 9'; 10', 11') which, in the event that the said threshold value is exceeded, either move apart if the area of contact (6) is on the bristle side of the brush, or towards one another if the area of contact (7) is on the back of the brush.

IPC 1-7
A46B 5/02

IPC 8 full level
A46B 5/00 (2006.01); **A46B 5/02** (2006.01); **A46B 15/00** (2006.01)

CPC (source: EP)
A46B 5/0062 (2013.01); **A46B 5/007** (2013.01); **A46B 5/02** (2013.01); **A46B 5/026** (2013.01); **A46B 15/0002** (2013.01); **A46B 15/0012** (2013.01); **A46B 2200/1066** (2013.01)

Citation (search report)
See references of WO 0143582A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0143582 A1 20010621; AU 2031701 A 20010625; EP 1237439 A1 20020911; NO 314827 B1 20030602; NO 996303 D0 19991217; NO 996303 L 20010618

DOCDB simple family (application)
NO 0000427 W 20001214; AU 2031701 A 20001214; EP 00983580 A 20001214; NO 996303 A 19991217