

Title (en)
Toothbrush with replaceable bristle carrier

Title (de)
Zahnbürste mit einer auswechselbaren Borstenplatte

Title (fr)
Brosse à dents avec porte-soies remplaçable

Publication
EP 1023855 A3 20001102 (DE)

Application
EP 00101120 A 20000121

Priority
DE 19903505 A 19990129

Abstract (en)
[origin: EP1023855A2] A toothbrush comprises an interchangeable brush plate which is releasably connected to a carrier plate, using a groove-spring unit connected to a press fitting on the brush contact section (4). The latter has a cut back section which is round and wedge shaped. The wedge (7) locates into a groove (3) in the carrier plate (2). The brush can bend over the carrier plate and brush neck region.

IPC 1-7
A46B 7/04

IPC 8 full level
A46B 7/04 (2006.01)

CPC (source: EP US)
A46B 7/04 (2013.01 - EP US)

Citation (search report)

- [XAY] DE 9109625 U1 19910919
- [YPA] US 5864915 A 19990202 - RA DOJIN [US]
- [YDA] DE 8525867 U1 19860710
- [A] JP H06304021 A 19941101 - LION CORP
- [A] DE 29816089 U1 19981119 - WALS OLIVER [DE], et al

Cited by
GB2354432A; GB2354432B

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

DOCDB simple family (publication)
EP 1023855 A2 20000802; EP 1023855 A3 20001102; EP 1023855 B1 20040331; AT E262812 T1 20040415; DE 19903505 C1 20000907; DE 50005832 D1 20040506; US 6360398 B1 20020326

DOCDB simple family (application)
EP 00101120 A 20000121; AT 00101120 T 20000121; DE 19903505 A 19990129; DE 50005832 T 20000121; US 49250700 A 20000127