

Publication

EP 0930030 A3 19990825

Application

EP 98121937 A 19981119

Priority

- CH 9098 A 19980116
- CH 9900125 W 19990323

Abstract (en)

[origin: EP0930030A2] The base (16) of the bristle part (14) is made of rigid plastic material and is divided into several segments (17). Tunnels (20), filled with soft synthetic material are positioned between each pair of segments (17). The bristle part (14) is surrounded by a groove (30), which is filled with the same soft synthetic material and is continued along both sides of the handle bar (12).

IPC 1-7

A46B 5/00

IPC 8 full level

A46B 5/00 (2006.01)

CPC (source: EP US)

A46B 5/0025 (2013.01 - EP US); **A46B 5/0062** (2013.01 - EP US)

Citation (search report)

- [A] WO 9725899 A1 19970724 - PROCTER & GAMBLE [US], et al
- [A] WO 9602165 A1 19960201 - PROCTER & GAMBLE [US], et al

Cited by

US7845042B2; DE10303548B4; CN104135892A; AU2012371679B2; US10512323B2; US9603441B2; US9486059B2; US10244855B2; WO2007009276A1; WO0074522A1

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 0930030 A2 19990721; EP 0930030 A3 19990825; EP 0930030 B1 20030507; BR 9900048 A 20010417; CH 692376 A5 20020531; DE 59808258 D1 20030612; TW 419362 B 20010121; US 6708364 B1 20040323

DOCDB simple family (application)

EP 98121937 A 19981119; BR 9900048 A 19990113; CH 9098 A 19980116; DE 59808258 T 19981119; TW 88105979 A 19990414; US 23129399 A 19990115