

Title (en)
A system of brushes

Title (de)
Bürstensystem

Title (fr)
Systeme de brosses

Publication
EP 1800562 A1 20070627 (DE)

Application
EP 05405490 A 20050824

Priority
EP 05405490 A 20050824

Abstract (en)
The brush system has two toothbrush types where a degree of hardness of the first toothbrush type and a degree of hardness of the second toothbrush type differ around at least 1 cN per mm 2. The toothbrushes (1) have the same diameter with bristles (6) made from the same filament material and differ by the middle length of the bristles (6). The tooth brush has a brush head (3) and a grip (2). The filament material is made from a polyester.

IPC 8 full level
A46D 1/08 (2006.01); **A46B 9/04** (2006.01)

CPC (source: EP)
A46B 9/04 (2013.01); **A46D 1/0269** (2013.01); **A46D 1/08** (2013.01); **A46B 2200/1066** (2013.01)

Citation (search report)
• [XAY] US 4152806 A 19790508 - RAAF HELMUT, et al
• [Y] CH 681347 A5 19930315 - GABA AG
• [A] US 6269514 B1 20010807 - EDWARDS MARK STEPHEN [US], et al
• [A] EP 1080663 A1 20010307 - SUNSTAR INC [JP]
• [L] US 4463470 A 19840807 - WILLIS BRIAN D [CA]
• [L] JP 2003093156 A 20030402 - KURANO MASAHIKO
• [L] US 3220543 A 19651130 - MCCORD ROBERT C, et al

Cited by
JP2012105744A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1800562 A1 20070627; CH 698744 B1 20091015

DOCDB simple family (application)
EP 05405490 A 20050824; CH 13422006 A 20060823