

Title (en)
BRUSH BODY AND TOOTHBRUSH

Title (de)
BÜRSTENKÖRPER UND ZAHNBÜRSTE

Title (fr)
CORPS DE BROSSE ET BROSSE À DENTS

Publication
EP 2517601 A1 20121031 (EN)

Application
EP 10839357 A 20101220

Priority
• JP 2009290467 A 20091222
• JP 2010072918 W 20101220

Abstract (en)
Provided is a brush body (21) for selectively applying localized currents, for oral care, to oral interstices such as periodontal pockets. Said brush body has a plurality of bristle bunches (24) in a head section (23). Each bristle bunch (24) contains bristles (25), each bristle having a core (25x) and a sheath (25y). Each core comprises a conductive member and each sheath comprises an insulating member that covers that core (25x). At the tip (25a) of each bristle (25), the core (25x) protrudes further than the sheath (25y) and acts as an electrode.

IPC 8 full level
A46B 15/00 (2006.01); **A46D 1/00** (2006.01); **A46D 1/05** (2006.01); **A61C 17/34** (2006.01)

CPC (source: EP US)
A46B 15/0002 (2013.01 - EP US); **A46B 15/0022** (2013.01 - EP US); **A46D 1/00** (2013.01 - EP US); **A46D 1/0207** (2013.01 - EP US);
A46B 2200/1066 (2013.01 - EP US)

Citation (search report)
See references of WO 2011078127A1

Cited by
EP3915515A1; WO2021239556A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 2012233791 A1 20120920; CN 102791166 A 20121121; EP 2517601 A1 20121031; JP WO2011078127 A1 20130509;
WO 2011078127 A1 20110630

DOCDB simple family (application)
US 201013512899 A 20101220; CN 201080055223 A 20101220; EP 10839357 A 20101220; JP 2010072918 W 20101220;
JP 2011547543 A 20101220