

Title (en)
TOOTHBRUSH

Title (de)
ZAHNBÜRSTE

Title (fr)
BROSSE À DENTS

Publication
EP 2509464 A1 20121017 (EN)

Application
EP 10809243 A 20101210

Priority
• DE 102009057483 A 20091210
• DE 102010051878 A 20101122
• IB 2010055758 W 20101210

Abstract (en)
[origin: WO2011070549A1] A toothbrush having a toothbrush head with a top side at which cleaning elements for cleaning teeth are arranged. The cleaning elements form various zones of care or arrangements to meet specific cleaning and manufacturing requirements.

IPC 8 full level
A46B 3/22 (2006.01); **A46B 9/04** (2006.01); **A46B 9/06** (2006.01)

CPC (source: EP KR)
A46B 3/22 (2013.01 - EP KR); **A46B 9/005** (2013.01 - EP); **A46B 9/026** (2013.01 - EP); **A46B 9/04** (2013.01 - KR); **A46B 9/06** (2013.01 - EP KR); **A46B 15/0081** (2013.01 - EP); **A46B 2200/1026** (2013.01 - EP)

Citation (search report)
See references of WO 2011070549A1

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)
WO 2011070549 A1 20110616; AU 2010329478 A1 20120705; AU 2010329478 B2 20150521; BR 112012014065 A2 20160705; BR 112012014065 B1 20200310; CA 2784054 A1 20110616; CN 102946758 A 20130227; CN 102946758 B 20160706; EP 2509464 A1 20121017; EP 2509464 B1 20190918; HK 1179485 A1 20131004; KR 101424364 B1 20140731; KR 20120078741 A 20120710; MX 2012006556 A 20121003; MX 337366 B 20160229; RU 2012120619 A 20140120; RU 2014101263 A 20150727; RU 2523250 C2 20140720

DOCDB simple family (application)
IB 2010055758 W 20101210; AU 2010329478 A 20101210; BR 112012014065 A 20101210; CA 2784054 A 20101210; CN 201080055283 A 20101210; EP 10809243 A 20101210; HK 13106775 A 20130607; KR 20127014014 A 20101210; MX 2012006556 A 20101210; RU 2012120619 A 20101210; RU 2014101263 A 20140116