

Title (en)  
TOOTHBRUSH

Title (de)  
ZAHNBÜRSTE

Title (fr)  
BROSSE À DENTS

Publication  
**EP 2509463 B1 20190320 (EN)**

Application  
**EP 10809185 A 20101210**

Priority  
• DE 102009057483 A 20091210  
• DE 102010051877 A 20101122  
• IB 2010055759 W 20101210

Abstract (en)  
[origin: WO2011070550A1] A toothbrush having a toothbrush head with a top side at which cleaning elements for cleaning teeth are arranged. The cleaning elements and the head can facilitate the removal of foam, plaque and undesired particles.

IPC 8 full level  
**A46B 9/00** (2006.01); **A46B 3/22** (2006.01); **A46B 9/02** (2006.01); **A46B 9/06** (2006.01); **A46B 15/00** (2006.01)

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

Citation (examination)  
• WO 2006071652 A2 20060706 - COLGATE PALMOLIVE CO [US], et al  
• US 6859969 B2 20050301 - GAVNEY JR JAMES A [US], et al

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 2011070550 A1 20110616**; AU 2010329479 A1 20120705; AU 2010329479 B2 20150507; CA 2784176 A1 20110616; CA 2784176 C 20160202; CN 102892328 A 20130123; CN 102892328 B 20150415; EP 2509463 A1 20121017; EP 2509463 B1 20190320; EP 2509463 B8 20190904; HK 1177120 A1 20130816; IN 5090DEN2012 A 20151009; KR 101424365 B1 20140731; KR 20120081242 A 20120718; MX 2012006557 A 20121009; US 2011219558 A1 20110915; US D762391 S 20160802

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