

Title (en)
Toothbrush

Title (de)
Zahnbürste

Title (fr)
Brosse à dents

Publication
EP 2759227 B1 20161005 (DE)

Application
EP 14165783 A 20090318

Priority
• EP 14165783 A 20090318
• EP 09003870 A 20090318

Abstract (en)
[origin: EP2229841A1] The brush has a handle (2), and a head (4) comprising oral care elements and a middle support. A neck (3) connects the head with the handle, where a base structure of the neck, head and the handle are formed by a hard plastic component. The handle is partially covered by a soft plastic component, and the head has another soft plastic component. The neck has a passage-opening (37) that is surrounded by front and rear limiting walls, where a section of the limiting walls is provided with an elastic muscle (38).

IPC 8 full level
A46B 5/00 (2006.01)

CPC (source: EP KR US)
A46B 5/00 (2013.01 - KR); **A46B 5/0054** (2013.01 - EP US); **A46B 5/0066** (2013.01 - EP US); **A46B 5/026** (2013.01 - EP US);
A46B 15/0002 (2013.01 - EP US); **A46B 15/0012** (2013.01 - EP US); **A46B 2200/1066** (2013.01 - EP US)

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
EP 2229841 A1 20100922; EP 2229841 B1 20150311; AU 2010224515 A1 20111013; AU 2010224515 B2 20141009;
BR PI1009415 A2 20160301; BR PI1009415 B1 20200211; CA 2755559 A1 20100923; CA 2755559 C 20151013; CN 102355834 A 20120215;
CN 102355834 B 20150304; EP 2759227 A2 20140730; EP 2759227 A3 20150128; EP 2759227 B1 20161005; ES 2538716 T3 20150623;
HK 1144239 A1 20110211; KR 101398283 B1 20140522; KR 20110116056 A 20111024; MX 2011009697 A 20110928;
PL 2229841 T3 20150831; RU 2011136743 A 20130427; RU 2488329 C2 20130727; US 2012036662 A1 20120216; US 8739351 B2 20140603;
WO 2010106523 A1 20100923

DOCDB simple family (application)
EP 09003870 A 20090318; AU 2010224515 A 20100318; BR PI1009415 A 20100318; CA 2755559 A 20100318; CN 201080012275 A 20100318;
EP 14165783 A 20090318; ES 09003870 T 20090318; HK 10110691 A 20101117; IB 2010051193 W 20100318; KR 20117021395 A 20100318;
MX 2011009697 A 20100318; PL 09003870 T 20090318; RU 2011136743 A 20100318; US 201113233776 A 20110915