

Title (en)

TOOTHBRUSH BRISTLE WITH A TAPERING PART AND TOOTHBRUSH WITH SUCH BRISTLES

Title (de)

ZAHNBÜRSTENBORSTE MIT VERJÜNGTEM TEIL UND ZAHNBÜRSTE MIT SOLCHEN BORSTEN

Title (fr)

POILS DE BROSSE À DENTS AVEC UNE PARTIE RÉTRÉCIE ET BROSSE À DENTS MUNIE DE TELS POILS

Publication

EP 2146600 B1 20161012 (DE)

Application

EP 08733833 A 20080508

Priority

- CH 2008000212 W 20080508
- CH 7812007 A 20070514

Abstract (en)

[origin: WO2008138158A1] Bristle for a toothbrush, comprising a) a cylindrical part (1) with a maximum, constant cylinder diameter Dzyl and b) a tapered part (2) which adjoins the cylindrical part (1) and has a bristle end (3) and has an end face (4) which completes the bristle end (3), wherein the tapered part (2) tapers towards the bristle end (3); wherein the tapered part (2) has a length L of 10 mm or less and at least 3 mm; characterized in that the tapered part (2), at a distance X from the end face (4), which distance is the same size as the cylinder diameter Dzyl, has a diameter D of 95 to 140 µm, and a toothbrush with such bristles.

IPC 8 full level

A46D 1/00 (2006.01); **A46B 3/16** (2006.01); **A46D 1/05** (2006.01)

CPC (source: EP KR US)

A46D 1/00 (2013.01 - EP KR US); **A46D 1/0276** (2013.01 - EP US); **A46D 1/0284** (2013.01 - EP US); **A46D 1/04** (2013.01 - KR);
A46D 1/05 (2013.01 - EP US); **A46B 3/16** (2013.01 - EP US)

Citation (examination)

JP 2006158842 A 20060622 - SUNSTAR INC

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008138158 A1 20081120; AU 2008250913 A1 20081120; AU 2008250913 B2 20110609; BR PI0811598 A2 20141216;
CA 2687350 A1 20081120; CA 2687350 C 20121002; CN 101742943 A 20100616; CN 101742943 B 20120905; CO 6251218 A2 20110221;
EP 2146600 A1 20100127; EP 2146600 B1 20161012; IL 202146 A0 20100616; IL 202146 A 20131031; KR 101217311 B1 20130102;
KR 20100024413 A 20100305; MX 2009012412 A 20091201; MY 157768 A 20160715; RU 2009146024 A 20110620; RU 2430668 C2 20111010;
US 2010154154 A1 20100624

DOCDB simple family (application)

CH 2008000212 W 20080508; AU 2008250913 A 20080508; BR PI0811598 A 20080508; CA 2687350 A 20080508;
CN 200880024757 A 20080508; CO 09142795 A 20091214; EP 08733833 A 20080508; IL 20214609 A 20091115; KR 20097025912 A 20080508;
MX 2009012412 A 20080508; MY PI20094859 A 20080508; RU 2009146024 A 20080508; US 60035508 A 20080508