

Title (en)
TOOTHBRUSH

Title (de)
ZAHNBÜRSTE

Title (fr)
BROSSE À DENTS

Publication
EP 3777607 A4 20211201 (EN)

Application
EP 18911906 A 20180911

Priority
• KR 20180036681 A 20180329
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Abstract (en)
[origin: EP3777607A1] Proposed is a toothbrush having pairs of bristles configured in a bundle, each of the pair of bristles being composed of a first bristle having a fine end portion and a second bristle having a flat end portion, thereby more efficiently removing food remnants that are stuck between teeth or remain on the surfaces of teeth, and efficiently removing food remnants stuck between teeth and dental braces even when the dental braces are installed on the teeth.

IPC 8 full level
A46B 9/02 (2006.01); **A46B 3/22** (2006.01); **A46B 5/02** (2006.01); **A46B 9/04** (2006.01); **A46B 15/00** (2006.01); **A46D 1/00** (2006.01)

CPC (source: EP US)
A46B 9/028 (2013.01 - EP US); **A46B 9/04** (2013.01 - EP US); **A46D 1/0238** (2013.01 - US); **A46D 1/0261** (2013.01 - EP); **A46D 1/0276** (2013.01 - EP); **A46D 1/0284** (2013.01 - EP); **A46B 3/22** (2013.01 - EP); **A46B 5/026** (2013.01 - EP); **A46B 9/06** (2013.01 - EP); **A46B 2200/108** (2013.01 - US)

Citation (search report)
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• [X1] WO 2015098695 A1 20150702 - LION CORP [JP]
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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)
EP 3777607 A1 20210217; **EP 3777607 A4 20211201**; CN 111556718 A 20200818; JP 2021512658 A 20210520; RU 2020123469 A 20220429; RU 2020123469 A3 20220429; US 2021068526 A1 20210311; WO 2019190004 A1 20191003

DOCDB simple family (application)
EP 18911906 A 20180911; CN 201880085207 A 20180911; JP 2020537241 A 20180911; KR 2018010602 W 20180911; RU 2020123469 A 20180911; US 201816959468 A 20180911