

Title (en)

INTERDENTAL BRUSH HAVING AN INSERTION GUIDANCE TIP

Title (de)

INTERDENTALBÜRSTE MIT EINER EINSETZFÜHRUNGSSPITZE

Title (fr)

BROSSE INTERDENTAIRE AYANT UNE POINTE DE GUIDAGE D'INSERTION

Publication

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Application

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Priority

- SE 1850882 A 20180711
- EP 2019068638 W 20190711

Abstract (en)

[origin: WO2020011901A1] A method of providing an insertion guidance tip at a distal end of an interdental brush, use of a first set of filaments (10) and a second set of filaments (20) in an interdental brush, and an interdental brush comprising a first set of filaments (10) arranged along a first longitudinal sub-length (L1) and having a first filament diameter (D1), and a second set of filaments (20) arranged along a second longitudinal sub-length (L2) and having a second filament diameter (D2), wherein the second filament diameter (D2) is smaller than the first filament diameter (D1), wherein the second longitudinal sub-length (L2) is positioned at the distal end (5) of the interdental brush (1), and wherein the second sub-length has a length (L2) along the longitudinal direction being less than 15% of a longitudinal extension (L3) of the brush portion (2) and extending along less than three twists of a core member (3).

IPC 8 full level

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Citation (search report)

- [E] EP 3510889 A1 20190717 - SOLO MED GMBH [DE]
- [XI] WO 2009079802 A1 20090702 - STIEGER PETER [CH]
- [DXI] EP 0680707 A2 19951108 - DENTAID SA [ES]
- [XI] WO 2009122946 A1 20091008 - KOBAYASHI PHARMA [JP], et al
- See also references of WO 2020011901A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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