

Title (en)
DEVICE FOR CLEANING TEETH

Title (de)
VORRICHTUNG ZUM REINIGEN VON ZÄHNEN

Title (fr)
DISPOSITIF DE NETTOYAGE DE DENTS

Publication
EP 3487446 A1 20190529 (DE)

Application
EP 17743239 A 20170719

Priority
• AT 506482016 A 20160719
• AT 2017060179 W 20170719

Abstract (en)
[origin: WO2018014061A1] The invention relates to a device (1) for cleaning teeth of a human or animal user, with a mouthpiece (3) to be received in the mouth of the user, with a carrier (4) having cleaning elements (5) arranged therein, which cleaning elements (5) are arranged on the carrier (4) for simultaneous engagement with substantially all the teeth of an upper jaw and/or a lower jaw of the user, and with an electrical drive unit (2) which is fastened releasably to the mouthpiece (3) and which has at least one vibration element (8) for executing a vibration movement, wherein the cleaning elements (5) are arranged on the carrier (4) for simultaneous engagement with substantially all the teeth of the upper jaw and the lower jaw of the user, and a releasable magnet connection (M) is provided for the releasable fastening of the drive unit (2) to the mouthpiece (3).

IPC 8 full level
A61C 17/22 (2006.01); **A46B 9/04** (2006.01); **A61C 17/02** (2006.01); **A61C 17/20** (2006.01); **A61C 17/34** (2006.01)

CPC (source: AT EP US)
A46B 9/045 (2013.01 - AT EP US); **A46B 11/001** (2013.01 - EP US); **A61C 17/0211** (2013.01 - EP US); **A61C 17/222** (2013.01 - EP US); **A61C 17/228** (2013.01 - AT EP US); **A61C 17/32** (2013.01 - AT); **A61C 17/3481** (2013.01 - AT EP US); **A61C 17/349** (2013.01 - AT); **A46B 2200/1066** (2013.01 - AT); **A61C 17/20** (2013.01 - EP US); **A61C 17/349** (2013.01 - EP US)

Citation (search report)
See references of WO 2018014061A1

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)
WO 2018014061 A1 20180125; AT 518897 A4 20180215; AT 518897 B1 20180215; CA 3029257 A1 20180125; CA 3029257 C 20190702; CN 109475397 A 20190315; EP 3487446 A1 20190529; JP 2019520919 A 20190725; US 2019282348 A1 20190919

DOCDB simple family (application)
AT 2017060179 W 20170719; AT 506482016 A 20160719; CA 3029257 A 20170719; CN 201780043700 A 20170719; EP 17743239 A 20170719; JP 2018569040 A 20170719; US 201716319209 A 20170719