

Title (en)
ELECTRONIC DENTAL DEVICE WITH UNIVERSAL APPLICATION

Title (de)
ELEKTRONISCHE DENTALE VORRICHTUNG MIT UNIVERSELLER ANWENDUNG

Title (fr)
DISPOSITIF ÉLECTRONIQUE DENTAIRE D'APPLICATION UNIVERSELLE

Publication
EP 3773318 A2 20210217 (FR)

Application
EP 19774860 A 20190328

Priority

- FR 1852803 A 20180330
- FR 2019050712 W 20190328

Abstract (en)
[origin: US2019298488A1] A dental electronic device for universal application with controlled thrust includes an elongated body inside which is positioned a battery supplying an electric motor for driving a thrust pin arranged to cooperate with a connection tip selected from a range of connection tips and being locked inside the elongated body of the pen, each tip including a fastening element for retaining the fastening element inside the elongated body and a recognition element which is activated during the connection of the tip and allowed to initialize one of the control programs previously integrated in an electronic card housed inside the body and connected to a control button placed on an outer face of the elongated body for controlling the electric motor based on the given control program of the tip so as to drive the tip.

IPC 8 full level
A61C 3/03 (2006.01)

CPC (source: CN EP US)
A61C 1/0015 (2013.01 - US); **A61C 1/06** (2013.01 - EP US); **A61C 1/07** (2013.01 - EP US); **A61C 1/082** (2013.01 - EP US);
A61C 1/087 (2013.01 - US); **A61C 1/144** (2013.01 - US); **A61C 1/148** (2013.01 - US); **A61C 1/16** (2013.01 - US); **A61C 3/00** (2013.01 - CN);
A61C 3/025 (2013.01 - CN); **A61C 3/03** (2013.01 - EP US); **A61C 3/06** (2013.01 - CN); **A61C 5/46** (2017.01 - US); **A61C 5/50** (2017.01 - US);
A61C 5/62 (2017.01 - CN EP US); **A61C 5/64** (2017.01 - US); **A61C 5/66** (2017.01 - US); **A61C 15/048** (2013.01 - EP US);
A61C 17/16 (2013.01 - EP US); **A61C 17/20** (2013.01 - EP US); **A61C 19/06** (2013.01 - CN); **A61C 19/063** (2013.01 - EP US);
A61M 5/20 (2013.01 - CN); **A61M 5/24** (2013.01 - EP US); **A61M 5/31** (2013.01 - CN); **A61C 2204/002** (2013.01 - EP US);
A61C 2204/005 (2013.01 - EP US); **A61M 5/3243** (2013.01 - EP); **A61M 2005/2006** (2013.01 - CN); **A61M 2005/2407** (2013.01 - EP);
A61M 2005/31588 (2013.01 - EP); **A61M 2205/586** (2013.01 - EP); **A61M 2205/6018** (2013.01 - EP)

Citation (search report)
See references of WO 2019186072A2

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)
US 2019298488 A1 20191003; CA 3094918 A1 20191003; CN 112105313 A 20201218; CN 112105313 B 20221004;
EP 3773318 A2 20210217; FR 3079407 A1 20191004; FR 3079407 B1 20220610; JP 2021519670 A 20210812; WO 2019186072 A2 20191003;
WO 2019186072 A3 20201112

DOCDB simple family (application)
US 201815987119 A 20180523; CA 3094918 A 20190328; CN 201980022914 A 20190328; EP 19774860 A 20190328; FR 1852803 A 20180330;
FR 2019050712 W 20190328; JP 2021501103 A 20190328