

Title (en)

METHOD FOR CREATING, PROCESSING, MAINTENANCE AND USING DATABASE OF MAXILLOFACIAL STATUSES

Title (de)

VERFAHREN ZUR ERZEUGUNG, VERARBEITUNG, WARTUNG UND VERWENDUNG EINER DATENBANK VON MAXILLOFAZIALEN ZUSTÄNDEN

Title (fr)

PROCÉDÉ DE CRÉATION, DE TRAITEMENT, DE MAINTENANCE ET D'UTILISATION D'UNE BASE DE DONNÉES D'ÉTATS MAXILLO-FACIAUX

Publication

EP 3899959 A1 20211027 (EN)

Application

EP 19806092 A 20191029

Priority

- BG 11285318 A 20181219
- BG 2019000026 W 20191029

Abstract (en)

[origin: WO2020124171A1] The invention will find use in dental treatment, for restorative procedures and for carrying out scientific researches. The method includes capturing the patient's teeth (3, 3n) for the file (4, 4n) of a patient (2, 2n) by an intraoral scanner at the time of established occlusion of the first permanent teeth. The capturing being carried out at selected intervals, where a medical professional (1) creates the patient's file, (4, 4n). The method also includes computed tomography (CBCT). The 3-D CBCT image (6, 6n) obtained by computed tomography, is also recorded in the created file (4, 4n) of patient. A photo image (7, 7n) of the patient's face, taken with a suitable digital camera, is also created. All files (4, 4n) are stored in a database of maxillofacial statuses (5). The combined images and the intermediate images are made by using created specialized software (9), and the database of maxillofacial status, apart from restoration of dental status (A), is used for at least one of: Diagnosing other diseases (B), Manufacturing dental sets (C), Creating a market for dental anatomies (D), Identification of individuals (E), Scientific researches (F). Also is created a method for manufacturing denture teeth by using the database of the maxillofacial statuses.

IPC 8 full level

G16H 10/60 (2018.01)

CPC (source: EP)

G16H 10/60 (2017.12); **A61C 7/002** (2013.01); **A61C 13/0004** (2013.01)

Citation (search report)

See references of WO 2020124171A1

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 2020124171 A1 20200625; BG 112853 A 20200630; BG 67398 B1 20211130; EP 3899959 A1 20211027

DOCDB simple family (application)

BG 2019000026 W 20191029; BG 11285318 A 20181219; EP 19806092 A 20191029