

Title (en)
SYSTEM FOR INTRAORAL MEASUREMENT OF JAW DISPLACEMENTS

Title (de)
SYSTEM ZUR INTRAORALEN MESSUNG VON KIEFERVERLAGERUNGEN

Title (fr)
SYSTÈME DE MESURE INTRAORALE DE DÉPLACEMENTS MAXILLAIRES

Publication
EP 3419521 A1 20190102 (DE)

Application
EP 17706992 A 20170223

Priority
• DE 102016103320 A 20160225
• EP 2017054162 W 20170223

Abstract (en)
[origin: WO2017144585A1] A method and system for capturing patient-individual movements of the mandible in relation to the maxilla in a plurality of degrees of freedom, wherein at least an optical sensor system comprising an intraoral camera or a photosensitive means and a defined object that is situated in the image of the intraoral camera or of the photosensitive means are provided in the oral cavity of the patient, wherein the optical sensor system is brought into a fixed connection with the mandible or with the maxilla and wherein the object captured by the optical sensor system has a defined relationship to the opposing maxilla or mandible, wherein a sequence of spatial points of the object is recorded by the intraoral camera or optical sensor system and stored as a multi-dimensional movement line in a movement data record in the case of a movement of the mandible.

IPC 8 full level
A61B 5/11 (2006.01); **A61B 5/00** (2006.01)

CPC (source: EP US)
A61B 5/0077 (2013.01 - EP US); **A61B 5/1127** (2013.01 - EP US); **A61B 5/4542** (2013.01 - EP US); **A61B 5/0826** (2013.01 - US);
A61B 2562/04 (2013.01 - EP)

Citation (search report)
See references of WO 2017144585A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
DE 102016103320 A1 20170831; EP 3419521 A1 20190102; JP 2019512290 A 20190516; JP 6682647 B2 20200415;
US 2019021651 A1 20190124; WO 2017144585 A1 20170831

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