

Title (en)

PROCESS AND SYSTEM FOR DESIGNING AND MANUFACTURING IMPLANTATION GUIDE

Title (de)

VERFAHREN UND SYSTEM ZUM ENTWERFEN UND HERSTELLEN EINER IMPLANTATIONSFÜHRUNG

Title (fr)

PROCÉDÉ ET SYSTÈME DE CONCEPTION ET DE FABRICATION D'UN GUIDE D'IMPLANTATION

Publication

**EP 3145440 A2 20170329 (EN)**

Application

**EP 15795808 A 20150520**

Priority

- HU P1400255 A 20140520
- HU 2015000047 W 20150520

Abstract (en)

[origin: WO2015177579A2] A process is disclosed for designing and manufacturing of an implantation guide, wherein the process comprises the following steps: an impression from the oral structures is made by a spoon with registration markers; the impression is digitized; the patient is digitized with the impression tray in place; the digitized images are registered with a treatment planning software; a treatment plan is designed; the digital model of the surgical guide is then made with a guide designing software based on the treatment plan; and on the basis of the digitized model of the implantation guide, the physical equivalent of the surgical guide is prepared. A system is disclosed for the designing and preparation of a surgical guide, which comprises an impression spoon; a computer for the registration and planning; another computer for the planning and preparing of the surgical guide; a surgical tray; and an implantation guide according to the invention.

IPC 8 full level

**A61C 8/00** (2006.01); **G06F 17/50** (2006.01)

CPC (source: EP HU US)

**A61C 1/084** (2013.01 - EP US); **A61C 9/004** (2013.01 - HU)

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 2015177579 A2 20151126**; **WO 2015177579 A3 20160107**; EP 3145440 A2 20170329; EP 3145440 A4 20180228; HU 230856 B1 20180928; HU P1400255 A2 20151130

DOCDB simple family (application)

**HU 2015000047 W 20150520**; EP 15795808 A 20150520; HU P1400255 A 20140520