

Title (en)

METHODS FOR CUSTOMIZED DENTAL IMPLANTS FORMED OF A BIOMIMETIC COMPOSITE MATERIAL AND METHODS OF MANUFACTURE THEREOF

Title (de)

VERFAHREN FÜR KUNDENSPEZIFISCHE ZAHNIMPLANTATE AUS BIOMIMETISCHEM VERBUNDWERKSTOFF UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

PROCÉDÉS POUR DES IMPLANTS DENTAIRES PERSONNALISÉS CONSTITUÉS D'UN MATÉRIAU COMPOSITE BIOMIMÉTIQUE ET LEURS PROCÉDÉS DE FABRICATION

Publication

**EP 3668445 A1 20200624 (EN)**

Application

**EP 18846032 A 20180813**

Priority

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Abstract (en)

[origin: WO2019036370A1] Methods and a composite material for the application of immediate tooth replacement include the step of processing human dentin from an extracted tooth and combining with a bioactive cement to form a biomimetic composite material that is reconstructed into a tooth form implant. The biomimetic composite material can be formed of a commercially available calcium silicate-based cement material that yields a composite material which is much closer in composition, color, and mechanical properties to natural teeth.

IPC 8 full level

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