

Title (en)  
INTEGRATED SUPPORT DEVICE FOR PROVIDING TEMPORARY PRIMARY STABILITY TO DENTAL IMPLANTS AND PROSTHESIS, AND RELATED MANUFACTURING METHOD.

Title (de)  
INTEGRIERTE STÜTZVORRICHTUNG ZUR BEREITSTELLUNG TEMPORÄRER PRIMÄRER STABILITÄT FÜR ZAHNIMPLANTATE UND PROTHESEN SOWIE ZUGEHÖRIGES HERSTELLUNGSVERFAHREN.

Title (fr)  
DISPOSITIF DE SUPPORT INTÉGRÉ POUR CONFÉRER UNE STABILITÉ PRIMAIRE TEMPORAIRE AUX IMPLANTS ET PROTHÈSES DENTAIRES, ET PROCÉDÉ DE FABRICATION AFFÉRENT.

Publication  
**EP 2816967 A2 20141231 (EN)**

Application  
**EP 13709158 A 20130219**

Priority  
• US 201261602470 P 20120223  
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• US 201313767999 A 20130215  
• EP 2013053246 W 20130219

Abstract (en)  
[origin: WO2013124260A2] Dental implant assemblies, custom dental implants, and custom dental prosthesis and components each individually designed and manufactured to replace nonfunctional natural teeth of a specific pre-identified patient are provided. An example dental prosthesis/assembly includes a transgingival interlock abutment having a prosthesis interface formed therein to receive an occlusally-facing dental prosthesis component, and an implant interface form to receive a dental implant body. The prosthesis interface has a custom three-dimensional surface shape formed to create a form locking fit with respect to the occlusally-facing dental prosthesis component when connected herewith. The implant interface also has a custom three-dimensional surface shape formed to create a form locking fit with respect to the dental implant component when connected therewith. Further embodiments relate to integrated support devices for providing temporary primary stability to a dental prosthesis implant, each individually designed and manufactured for a specific pre-identify patient are also provided. An integrated support device can include a prosthesis interface member configured to connect to an abutment or reduced sized portion of a dental prosthesis/implant. The integrated support device also includes one or more bonding wings for connecting to the adjacent healthy teeth.

IPC 8 full level  
**A61C 8/00** (2006.01)

CPC (source: EP US)  
**A61C 5/007** (2013.01 - EP US); **A61C 8/0009** (2013.01 - EP); **A61C 8/005** (2013.01 - EP); **A61C 8/0066** (2013.01 - EP US); **A61C 13/0001** (2013.01 - EP); **A61C 13/0004** (2013.01 - EP US); **A61C 8/0036** (2013.01 - EP); **A61C 8/0048** (2013.01 - EP); **A61C 8/008** (2013.01 - EP); **G16H 20/40** (2017.12 - US)

Citation (search report)  
See references of WO 2013124260A2

Citation (examination)  
• DE 102010010069 A1 20110908 - NEUMEIER PETER [DE]  
• US 2003039943 A1 20030227 - WORTHINGTON MARK L [US]  
• US 2011086326 A1 20110414 - GWON ODAL [KR]  
• US 2008090207 A1 20080417 - RUBBERT RUEDGER [DE]  
• US 2012028221 A1 20120202 - WILLIAMS THOMAS [US]

Designated contracting state (EPC)  
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DOCDB simple family (application)  
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