

INFORME DE BÚSQUEDA DE PATENTES

N° de solicitud: 16052511

CRITERIOS PARA LA BÚSQUEDA (Anexar pantallazo o reporte en PDF, junto con los boléanos utilizados*. Para el caso de secuencias, anexar alineamientos)

Palabras clave utilizadas Abutment, dental, prosthesis, face, triangular, hexagonal.

CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA CIP: A61C8/00, A61C13/00.

CPC:

DOCUMENTOS CONSIDERADOS RELEVANTES (documentos patentes, literatura no patente, etc...)

Informes/Base de datos	N° de solicitud/ Autor**	Fecha de Publicación/Presentación (DD/MM/AAAA)	Reiv. afectadas (Con indicación, si procede, de las partes relevantes o números de secuencias)	Categorías especiales de los documentos citados***
SIPI	CO07137432	10/03/2008	-	A
ISA/IPEA (****)	WO2015058267	BRMU9000334	-	A
		BRMU8503052	-	A
		BRMU8401655	-	A
		WO9917676	-	A
Patbase*	US2005136379	23/06/2005	-	A
EPOQUE NET*	FR2878732	09/06/2006	-	A

*** Categorías especiales de documentos citados:

“A” documento que define el estado general de la técnica no considerado como particularmente relevante.

“E” solicitud de patente o patente anterior pero publicada en la fecha de presentación internacional o en fecha posterior.

“P” documento publicado antes de la fecha de presentación internacional pero con posterioridad a la fecha de prioridad reivindicada.

“X” documento particularmente relevante; la invención reivindicada no puede considerarse nueva o que implique una actividad inventiva por referencia al documento aisladamente considerado.

“Y” documento particularmente relevante; la invención reivindicada no puede considerarse que implique una actividad inventiva cuando el documento se asocia a otro u otros documentos de la misma naturaleza, cuya combinación resulta evidente para un experto en la materia.

**** Indicar entre paréntesis la Autoridad que realizó la búsqueda o el informe preliminar Ejs: EPO, JP, INAPI.

Fecha del reporte de búsqueda: 15-02-2017

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European Patent Office
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[EPODOC: SS 1] abutment and dental and prosthe#

Results in EPODOC 0

[SS 2] abutment and dental and prosthe+

Results in EPODOC 925

[SS 3] 2 and hex+

Results in EPODOC 13

[SS 4] 3 and triant+

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PN

- FR2878732 A1 20060609

PR

- FR20040012873 20041203

AP

- FR20040012873 20041203

DT

- *: Rep

CT

- || STSE (A1)
US2002123022 A1 20020905 [XY] (PILLA NICOLA [IT], et al)
[X] 1,2,5,6,8-10
* paragraphs [0018] , [0023] - [0025] *
* figures 1,2 *
[Y] 3,4;
US5733122 A 19980331 [X] (GORDON BASIL [US])
[X] 1,2,5-9
* column 4, lines 27-64 *;
US5169308 A 19921208 [X] (KVIST BJÖERN [SE])
[X] 1,2,5,8,9
* column 2, lines 3-29 *
* figures 1,2 *;
US5302125 A 19940412 [Y] (KOWNACKI CHARLES D [US], et al)
[Y] 3,4
* column 3, lines 12-25 *
* figure 1 *;
US5662474 A 19970902 [A] (JOERNEUS LARS [SE], et al)
[A]
* figure 4 *

CCI

- A61C8/005 ; A61C8/0054 ; A61C8/006 ; A61C8/0069

CCA

- A61C8/0071

PA

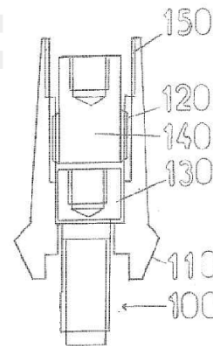
- YEUNG JEAN CLAUDE [FR]

TI

- Prosthetic assembly for use in dental implantology, has cylindro-conical abutment, dental implant, and additional screw screwed along inner threading to block head of connecting screw by creating support force on head

AB

- The assembly has a cylindro-conical abutment (110), a dental implant, and a connecting screw (130). An inner threading (120) is housed along the inner drilling of the abutment and has a hexagonal or octagonal anti-rotating structure (150) to receive a screw driver. An additional screw (140) is screwed along the inner threading and blocks the head of the screw (130) by creating support force on the head.



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PN - US5209659 A 19930511
PR - US19910718348 19910619; US19900577787 19900905
AP - US19910718348 19910619
DT - *
CT - US3579831 A / ; US4599085 A / ;
US4713004 A / ; US4826434 A / ;
US4863383 A / ; US4934935 A / ;
US5061181 A /

CTNP - [] Brochure from Core Vent Corporation regarding Micro-vent
Hydroxylapatite Coated Implants

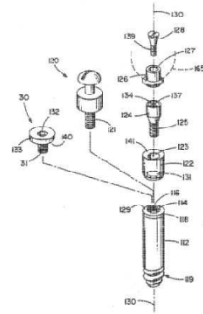
CCI - A61C8/005 ; A61C8/0018 ; A61C8/0054

CCA - A61C8/006 ; A61C8/0069

PA - IMPLA MED INC [US]

TI - Method for installing a dental implant

AB - Dental implants for supporting and positioning artificial teeth or prosthetic devices are provided. The dental implant is adapted to be installed and ultimately osseointegrated into a predrilled osteotomy site of either the maxilla or mandible. The dental implant has a generally cylindrical body with an apical threaded portion which is screwed and secured into the bone. The cylindrical body also includes an internal threaded bore extending from the second end into the cylindrical body along the longitudinal axis of the cylindrical body. An integral hexagonal shaped protrusion, when viewed along the bore of the cylinder, is preferably provided and extends from the end of the implant proximal the gingiva of the patient. The internal bore of the cylinder extends concentrically through both the annular base and the hexagonal protrusion. The hexagonal protrusion will mate with as corresponding shaped female recess in an abutment which supports and positions artificial teeth or other prosthetic devices above the gingiva or alveolar mucosa which is located above the bone. The abutment rests on both the annular base and the hexagonal projection. This mating relation prevents the abutment from rotating around hexagonal projection and thereby maintains the orientation of the abutment and corresponding artificial teeth or prosthetic devices within the mouth.



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PN - KR20040034867 A 20040429

PNFP - KR100545852B B1 20060131

PR - KR20020063507 20021017

AP - KR20020063507 20021017

DT - I

CCI - A61C8/006 ; A61C8/005 ; A61C8/0068

PA - (A)
COWELL MEDI CO LTD

TI - (A)
DENTAL IMPLANT ABUTMENT FOR BRIDGE
- (B1)
Abutment of a dental implant for a bridge

AB - (A)
PURPOSE: A dental implant abutment for a bridge is provided to maintain a secured dental prosthesis even when repetitive impacts and vibrations are applied to the bridge due to chewing of various kinds of foodstuffs, thereby improving stability and durability of the dental implant system. CONSTITUTION: The abutment(1) having a dental bridge fixture (11) surgically implanted to a jawbone and having an engagement hole, a hexagonal head(12) and a bridge attached to an upper rim of the abutment(1) using dental cement, comprises: an upper support(2) having a reinforcement neck portion(4) and a screw part(5) integrally formed at a lower portion of a bridge foundation part(3) and screwed into the engagement hole formed in the bridge fixture(11); and a lower support(6) having an insertion hole(9) inserted into the reinforcement neck portion(4) of the upper support(2), and a hexagonal groove(10) coupled to the hexagonal head(12) of the bridge fixture(11).

