

Title (en)
SPLINT ABUTMENT OVER OSSEOINTEGRATED DENTAL IMPLANT

Title (de)
SCHIENEN-ABUTMENT ÜBER EIN OSSEOINTEGRIERTES ZAHNIMPLANTAT

Title (fr)
APPUI D'ATTELLE SUR UN IMPLANT DENTAIRE OSTEO-INTEGRE

Publication
EP 1956999 A2 20080820 (EN)

Application
EP 06804601 A 20061103

Priority
• BR PI0505827 A 20051123
• BR C10505827 A 20061002
• BR 2006000243 W 20061103

Abstract (en)
[origin: WO2007059595A2] The present invention concerns a splint abutment for prosthesis rehabilitation made of various types of materials, attached to an osseointegrated implant. This splint abutment for implant-supported prosthesis makes it possible to place two prosthetic crowns over a single implant, thus providing better biomechanics, marginal sealing, occlusal stability, aesthetics and oral hygiene maintenance of the dental prosthesis. The biomechanical possibilities of the invention offer greater occlusion stability, since the shape and contour of the splint abutment partially distribute and absorb the mastication forces in a more balanced way to the axial forces. The invention is also concerns the inclination slant, made of the same material of the non-restrictive abutment, to be fit between the implant and the splint abutment, that provides a slant, in order to adjust the position of the "abutment" according to the correction needs of the rotational and multidirectional angulations of the implants. This invention provides superior resistance of the splint by means of the splint abutment, lasting aesthetics and a reduction in clinical time, assuring greater predictability of the results.

IPC 8 full level
A61C 8/00 (2006.01)

CPC (source: EP)
A61C 8/005 (2013.01); **A61C 8/006** (2013.01); **A61C 8/0068** (2013.01); **A61C 8/0071** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2007059595 A2 20070531; **WO 2007059595 A3 20090423**; BR PI0505827 A 20070814; BR PI0505827 B1 20200204;
BR PI0505827 B8 20210622; CA 2630592 A1 20070531; CA 2630592 C 20151020; EP 1956999 A2 20080820; EP 1956999 A4 20130123

DOCDB simple family (application)
BR 2006000243 W 20061103; BR PI0505827 A 20051123; CA 2630592 A 20061103; EP 06804601 A 20061103