

Title (en)
FIXED DENTAL PROSTHESIS

Title (de)
FIXE ZAHNPROTHESE

Title (fr)
PROTHÈSE DENTAIRE FIXE

Publication
EP 2453829 A1 20120523 (FR)

Application
EP 10752181 A 20100713

Priority

- IB 2010053196 W 20100713
- CH 11012009 A 20090713
- CH 11022009 A 20090713
- CH 11032009 A 20090713
- CH 11042009 A 20090713
- CH 5572010 A 20100419

Abstract (en)
[origin: WO2011007317A1] The invention relates to a fixed dental prosthesis comprising at least one artificial tooth (15) and a means for rigidly connecting the latter to at least two natural abutment teeth (1 and 2) in the mouth, the specific features of which are that said means includes a framework comprising at least one metal part (7) provided with circular perforations, wherein said piece forms a perforated guide, as well as metal rods with round cross-section (A, B, C, D, E, F), the diameter of which is selected so as to slidably engage with said perforations of the perforated guide. Among said rods, certain ones referred to as anchoring rods (A and B) extend outside the pontic and, by means of the position and size thereof, firstly engage with the top perforations of the perforated guide. The various aforementioned elements form a periodontal splint and are arranged relative to each other such that the relative position of the artificial tooth or teeth with regard to the splint to which the former is/are attached is selected such that the rods engaging with the top perforations can occupy an intratooth position in the abutment teeth. The anchoring rods of the prosthesis are subsequently placed in recesses forming two occlusal-proximal cavities.

IPC 8 full level
A61C 13/275 (2006.01)

CPC (source: EP)
A61C 13/275 (2013.01)

Citation (search report)
See references of WO 2011007317A1

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2011007317 A1 20110120; EP 2453829 A1 20120523

DOCDB simple family (application)
IB 2010053196 W 20100713; EP 10752181 A 20100713