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[Continued on next page]

(54) Title: ONE PIECE ENDOSSEOUS TITANIUM OR ZIRCONIA DENTAL IMPLANT BEARING A BONDED CERAMIC OR GLASS-CERAMIC TRANSMUCOSAL ABUTMENT COMPONENT

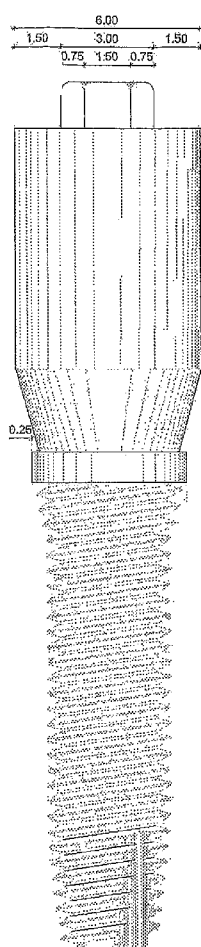


Fig. 6

(57) Abstract: The invention consists of a one-piece dental implant containing an endosseous part made of Ti or Zirconia that is screw-shaped, responsible for the mechanical fitting and biological integration into the jaw bone and that bears a transmucosal extension that acts as the supporting core of the abutment and the solid unifying element between the endosseous and the restorative part. This extension bears an esthetic coating of reduced toughness that can be ground intraorally in its coronal part to adapt the dental prosthesis after the implant has been fitted in position. The coating is ceramic or glass-ceramic and is bonded on the transmucosal-coronal extension by fusion, heat pressing or by an adhesive.



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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 825 828 A (STRAUMANN HOLDING AG [CH]) 29 August 2007 (2007-08-29) cited in the application claims 1,7,9 paragraph [0019] column 7, line 50 - line 56 -----	1-3
Y	FR 2 350 090 A (FRIEDRICHSFELD GMBH [DE]) 2 December 1977 (1977-12-02) claims 1,3 page 4, line 23 - page 5, line 10 -----	1-3
Y	WO 01/34056 A (BEEKMANS JOHANNES CORNELIS STA [NL]) 17 May 2001 (2001-05-17) cited in the application page 8, line 30 - page 9, line 3 ----- -/--	1-3

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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