

Title (en)

IMPLANT HAVING ATTACHMENT AND HOLE-INSERT PARTS, AND METHOD FOR PRODUCING SUCH AN IMPLANT

Title (de)

IMPLANTAT MIT TEILEN ZUR BEFESTIGUNG UND ZUM LOCHEINSATZ UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

IMPLANT COMPRENANT UNE FIXATION ET DES PARTIES D'INTRODUCTION DANS UN ALESAGE, ET SON PROCEDE DE PRODUCTION

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Application

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Abstract (en)

[origin: WO0174412A1] An implant (1) has attachment and hole-insert parts (2, 3) with an outer surface or outer surfaces having external layer arrangements (6, 7). The implant can be provided in a known manner with threads (3a, 3b) on cylindrical and conical portions. The implant is made in principle in two production stages. In a first production stage, the outer surface or outer surfaces (6a) of the implant are given a relatively high roughness value and/or a relatively high degree of porosity. In a second stage, the uneven or porous surface thus obtained is coated with an oxide layer (7) which can be uniform or can have different thicknesses along the longitudinal and/or circumferential directions(s) of the implant. In one embodiment, the oxide layer (7) can be coated with a bone-growth agent or bone-growth-promoting agent and/or calcium phosphate (16), for example by means of chemical deposition, dipping or sputtering.

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