

Title (en)

METHOD FOR THE SURFACE TREATMENT OF A BIOCORRODABLE IMPLANT

Title (de)

VERFAHREN ZUR OBERFLÄCHENBEHANDLUNG EINES BOKORRODIERBAREN IMPLANTATS

Title (fr)

PROCÉDÉ DE TRAITEMENT DE LA SURFACE D'UN IMPLANT BIOCORRODABLE

Publication

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Application

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Abstract (en)

[origin: CA2946676A1] The subject of the present invention is a method for the surface treatment of a biocorroderable implant by means of electrochemical reactions, comprising the steps of: a) providing an implant of a biocorroderable magnesium alloy; b) introducing the implant into an electrolyte with a pH of 9-13; c) electrochemically treating the surface of the implant, wherein the implant serves as the working electrode and there is also a counterelectrode, and wherein the working electrode is alternately polarized cathodically and anodically, the current density being set to -0.1 to -7 mA/cm² for the cathodic polarization and to 0.1 to 2 mA/cm² for the anodic polarization. A corresponding implant is also the subject of the invention.

IPC 8 full level

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