

Title (en)
METHOD FOR THE NANOSTRUCTURING AND ANODIZATION OF A METAL SURFACE

Title (de)
VERFAHREN ZUR NANOSTRUKTURIERUNG UND ANODISATION EINER METALLOBERFLÄCHE

Title (fr)
PROCÉDÉ DE NANOSTRUCTURATION ET D'ANODISATION D'UNE SURFACE MÉTALLIQUE

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Abstract (en)
[origin: WO2014079402A2] The invention relates to a method for the nanostructuring and oxidation of a surface, which comprises an anodizable metal and/or an anodizable metal alloy, both being coated with an oxide layer, by means of a laser or particle radiation in an inert or reactive atmosphere and subsequent anodization. As a result, oxide nanostructures are forming on the entire surface, in titanium or titanium alloys in the form of nanotubes.

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