

Title (en)  
METAL MATERIALS PRESENTING A SUPERFICIAL LAYER OF CALCIUM PHOSPHATE, AND METHODS FOR THE PREPARATION THEREOF

Title (de)  
METALLMATERIALIEN MIT EINER OBERFLÄCHENSCHICHT AUS CALCIUMPHOSPHAT UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)  
MATÉRIAUX MÉTALLIQUES PRÉSENTANT UNE COUCHE SUPERFICIELLE DE PHOSPHATE DE CALCIUM, ET PROCÉDÉS POUR LE PRÉPARER

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Application  
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Abstract (en)  
[origin: WO2013068591A1] The present invention relates to a multilayered material comprising a substrate of metal or metal alloy, said metal or metal alloy substrate being coated in an intermediate layer comprising at least one ceramic element, crystalline structure or partially crystalline structure, said element or structure including a metal or a metal alloy, said intermediate layer being coated in a layer of calcium phosphate comprising an alveolar nanometric structure at the surface, and uses thereof. The present invention relates to the method for preparing such a material by means of autocatalytic deposition of a layer of calcium phosphate comprising an alveolar nanometric structure at the surface thereof.

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