

Title (en)
MEDICAL IMPLANT AND METHOD FOR PRODUCING SUCH AN IMPLANT

Title (de)
MEDIZINISCHES IMPLANTAT UND VERFAHREN ZUR HERSTELLUNG EINES SOLCHEN IMPLANTATS

Title (fr)
IMPLANT MÉDICAL ET PROCÉDÉ DE FABRICATION D'UN TEL IMPLANT

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Application
EP 11741104 A 20110714

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Abstract (en)
[origin: WO2012007169A1] The invention relates to a medical implant for intravascular use, comprising a body (10) composed of a lattice structure, which is compressible and expandable and has a biodegradable material composed of a magnesium alloy. The invention is characterized in that the magnesium alloy is supersaturated with at least one alloy component, wherein the magnesium alloy is obtainable by atomizing one or more targets of which the material contains the components of the magnesium alloy, and by depositing the target material converted to the gas phase onto a substrate in order to form a material structure in such a way that the supersaturated alloy component is present in solid solution.

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