

Title (en)  
METHODS FOR PREPARING MEDICAL IMPLANTS FROM CALCIUM PHOSPHATE CEMENT AND MEDICAL IMPLANTS

Title (de)  
VERFAHREN ZUR HERSTELLUNG MEDIZINISCHER IMPLANTATE AUS CALCIUMPHOSPHATZEMENT UND MEDIZINISCHE IMPLANTATE

Title (fr)  
PROCEDES DE PREPARATION D'IMPLANTS MEDICAUX A PARTIR DE CIMENT DE PHOSPHATE DE CALCIUM ET IMPLANTS MEDICAUX

Publication  
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Application  
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Abstract (en)  
[origin: WO2005016616A1] The present invention discloses a medical implant made from calcium phosphate cement, and in particular to a method of preparing a molded and hardened calcium phosphate cement article having a superior compressive strength for use as medical implant. The molded and hardened calcium phosphate cement article may be in the forms of a dense block, a porous block for use as tissue-engineered scaffold, or a dual function block comprising a dense cortical portion (D1) bearing the majority of load and a porous cancellous portion (P1) allowing a rapid blood/body fluid penetration and tissue growth.

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