

Title (en)

METHOD FOR IMPROVING THE STRENGTH CHARACTERISTICS OF ORTHOPEDIC PROSTHESES

Title (de)

VERFAHREN ZUR VERBESSERUNG DER FESTIGKEITSEIGENSCHAFTEN VON ORTHOPÄDISCHEN PROTHESEN

Title (fr)

PROCÉDÉ POUR AMÉLIORER LES CARACTÉRISTIQUES DE RÉSISTANCE DE PROTHÈSES ORTHOPÉDIQUES

Publication

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Application

EP 11741190 A 20110802

Priority

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- EP 2011063280 W 20110802

Abstract (en)

[origin: WO2012041571A1] A method for improving the strength characteristics of orthopedic prostheses, such as femur necks, femoral stems, cotyloid elements, systems of the spinal column and the like, comprising the step of: starting from a prosthesis made of metal, subjecting the prosthesis to a peening treatment to improve the surface hardness of the prosthesis and eliminate micro-scoring caused by the machining of machine tools, the method further comprising a subsequent step of performing a surface finishing treatment by vibration finishing.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2012041571A1

Citation (examination)

US 4454740 A 19840619 - NEAL JAMES W [US], et al

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