

Title (en)

BONE PROSTHESIS AND METHOD OF IMPLANTING THE SAME

Title (de)

KNOCHENPROTHESE UND ZUGEHÖRIGE IMPLANTATIONSMETHODE

Title (fr)

PROTHESE OSSEUSE ET SON PROCEDE D'IMPLANTATION

Publication

EP 0696186 A4 19961127 (EN)

Application

EP 94911576 A 19940314

Priority

- US 9402695 W 19940314
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Abstract (en)

[origin: WO9420046A1] A prosthetic implant (100) including a pre-applied mantle (280) of substantial thickness disposed over a substantial portion of the outer surface of a stem (160), is disclosed. The stem (160) is provided with longitudinal channels (360) which allow ease of future extraction from the femur. The mantle (280) is sized and shaped to closely approximate the size and shape of the cavity (34) in which it is implanted to minimize the amount of cement (26) used to anchor the prosthesis (100). The mantle (280) may be applied to the stem (160) by injection molding alone or in combination with initially plasma spraying a thin film onto the stem (160).

IPC 1-7

A61F 2/36

IPC 8 full level

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Citation (search report)

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