

Title (en)
METHOD AND APPARATUS FOR COMPUTER ASSISTANCE WITH TOTAL HIP REPLACEMENT PROCEDURE

Title (de)
VERFAHREN UND GERÄT ZUR COMPUTERUNTERSTÜTZUNG EINES VERFAHRENS ZUM HÜFTGELENKTOTALERSATZ

Title (fr)
PROCEDE ET APPAREIL PERMETTANT D'ASSISTER PAR ORDINATEUR UNE OPERATION DE REMPLACEMENT TOTAL DE LA HANCHE

Publication
EP 1667573 A2 20060614 (EN)

Application
EP 04708176 A 20040204

Priority

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Abstract (en)
[origin: WO2004069041A2] Hip replacement surgery involves replacing the head and neck of the femur with an artificial component having a ball-shaped head and neck similar to that of a replaced femoral head and neck and inserting a cup-shaped component into the acetabulum to act as a liner to receive the ball of the femoral component. During this procedure, a surgeon encounters or has to overcome several problems. These problems include establishing the correct inclination, version and medialization for the acetabular component of the artificial hip; the correct version or angle of the femoral component; and maintaining correct leg length.

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