

Title (en)

METHOD AND DEVICE FOR DETECTING A HINGE POINT BETWEEN TWO BONES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BESTIMMUNG EINES GELENKPUNKTES VON ZWEI KNOCHEN

Title (fr)

PROCEDE ET DISPOSITIF POUR DETERMINER UN POINT D'ARTICULATION ENTRE DEUX OS

Publication

EP 1605853 A1 20051221 (DE)

Application

EP 04713058 A 20040220

Priority

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- DE 10313747 A 20030327

Abstract (en)

[origin: DE10313747A1] The joint hinging and articulation investigation system uses pins (6,7) with spherical markers (9) fixed to the patient's tibia (5) and femur (4). The positions of the markers are sensed by optical receivers (10) on a navigation system (8). The navigation system is connected to a computer (11) with a display monitor (12) and a keyboard. The patient's leg is flexed and hinge points on differently orientated pivot axes are calculated.

IPC 1-7

A61B 19/00; **A61F 2/46**; **A61B 5/103**

IPC 8 full level

A61B 5/103 (2006.01); **A61B 19/00** (2006.01); **A61F 2/46** (2006.01); **A61F 2/38** (2006.01)

CPC (source: EP US)

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Citation (search report)

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