

Title (en)

KNEE HINGE PROSTHESIS WITH WEAR-RESISTANT DEVICE FOR GUIDING THE PATELLAR COMPONENTS

Title (de)

KNIEGELENKPROTHESE MIT VERSCHLEISSARMER BAHNFÜHRUNG DER PATELLAREN KOMPONENTE

Title (fr)

PROTHESE DE L'ARTICULATION DU GENOU AVEC ELEMENT DE GUIDAGE A FAIBLE USURE POUR LA TRAJECTOIRE DES COMPOSANTS ROTULIENS

Publication

**EP 1071384 A1 20010131 (DE)**

Application

**EP 99920763 A 19990416**

Priority

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- EP 9902757 W 19990416

Abstract (en)

[origin: DE19816984A1] A knee-joint prosthesis has a metal/metal, ceramic/ceramic or ceramic/plastic pairing of an anterior plate section (8) and a patella seating face (7) or a natural patella paired with a ceramic anterior plate section insert. A knee-joint prosthesis has a patella component (5) with an anterior plate section (8) and a seating face (7) which comprise a sliding pairing of (a) a metallic anterior plate section (8) and a metallic seating face (7); (b) a ceramic anterior plate section (8) and a ceramic seating face (7); or (c) a ceramic anterior plate section (8) and a plastic seating face (7). An Independent claim is also included for a similar knee-joint prosthesis employing a natural patella which contacts an anterior plate section (8) of a femoral component (2), the anterior plate section (8) being a ceramic insert. Preferred Features: The ceramic is aluminum oxide, zirconium oxide, a mixed aluminum oxide-zirconium oxide ceramic or another bio-compatible ceramic.

IPC 1-7

**A61F 2/38**

IPC 8 full level

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CPC (source: EP KR US)

**A61F 2/3877** (2013.01 - EP KR US); **A61L 27/10** (2013.01 - KR); **A61L 2400/18** (2013.01 - KR)

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