

Title (en)
FEMORAL COMPONENT FOR A TOTAL HIP ENDOPROSTHESIS

Title (de)
FEMURKOMPONENTE FÜR EINE HÜFTTOTAL-ENDOPROTHESE

Title (fr)
COMPOSANT FÉMORAL POUR PROTHÈSE TOTALE DE HANCHE

Publication
EP 2023861 A1 20090218 (DE)

Application
EP 06721966 A 20060522

Priority
CH 2006000267 W 20060522

Abstract (en)
[origin: WO2007134464A1] The femoral component for a total hip endoprosthesis comprises A) a shaft (1) of length L intended to be anchored in the marrow cavity of the femur which comprises a distal half (13) suitable for introducing into the marrow channel with a tip (6), a proximal half (14), an anterior blade side (2), a posterior blade side (3), a lateral side surface (4), a medial side surface (5), a plane of symmetry (9) running between the two blade sides (2,3), and a midplane (10) running between the side surfaces (4,5) and through the tip (6) orthogonal to the plane of symmetry (9); wherein the distal half (13) has a first quarter (15) located at the end and a second quarter (16) abutting on the proximal half (14), and the proximal half (14) has a third quarter (17) abutting on the distal half (13), and a fourth quarter (18) located at the end; and B) a neck section (7) running at an obtuse angle to the longitudinal center axis (11) - defined as an intersection line between the two planes (9,10) - and connected to the proximal half (14) with a pin (8) for receiving a joint head or a joint head which is connected in a fixed manner to the neck section (7); wherein C) the distal half (13) is at least in part provided with a plurality of longitudinal grooves (12), and D) at least some of the longitudinal grooves (12) do not run parallel to the midplane (10).

IPC 8 full level
A61F 2/36 (2006.01)

CPC (source: EP)
A61F 2/3662 (2013.01); **A61F 2/30767** (2013.01); **A61F 2/36** (2013.01); **A61F 2/367** (2013.01); **A61F 2/3672** (2013.01); **A61F 2/3676** (2013.01); **A61F 2002/3011** (2013.01); **A61F 2002/30125** (2013.01); **A61F 2002/30136** (2013.01); **A61F 2002/30138** (2013.01); **A61F 2002/30332** (2013.01); **A61F 2002/30828** (2013.01); **A61F 2002/30838** (2013.01); **A61F 2002/3084** (2013.01); **A61F 2002/30879** (2013.01); **A61F 2002/30906** (2013.01); **A61F 2002/3625** (2013.01); **A61F 2002/365** (2013.01); **A61F 2220/0033** (2013.01); **A61F 2230/0002** (2013.01); **A61F 2230/0004** (2013.01); **A61F 2230/0008** (2013.01); **A61F 2230/0017** (2013.01); **A61F 2310/00023** (2013.01); **A61F 2310/00407** (2013.01); **A61F 2310/00796** (2013.01)

Citation (search report)
See references of WO 2007134464A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
WO 2007134464 A1 20071129; EP 2023861 A1 20090218

DOCDB simple family (application)
CH 2006000267 W 20060522; EP 06721966 A 20060522