

Title (en)

ENTIRELY CERAMIC RESURFACING PROSTHESIS HAVING A POROUS INNER FACE

Title (de)

VOLLKERAMISCHE OBERFLÄCHENERSATZPROTHESE MIT PORÖSER INNENSEITE

Title (fr)

PROTHÈSE DE RESURFAÇAGE EN CÉRAMIQUE INTÉGRALE, POURVUE D'UNE FACE INTERNE POREUSE

Publication

EP 3166539 A1 20170517 (DE)

Application

EP 15733715 A 20150701

Priority

- DE 102014213361 A 20140709
- EP 2015064925 W 20150701

Abstract (en)

[origin: WO2016005236A1] The invention relates to a resurfacing prosthesis for the natural femoral head, having a spherical outer surface and an inner receiving space that has an inner surface facing the bone. In order to be able to make the resurfacing prosthesis without using metals, combine the advantages of bone-preserving surgery with those of a biocompatible material, keep wear of the sliding pair low, and anchor the prosthesis in an excellent and long-term stable manner in the bone, the resurfacing prosthesis is characterized by an integrated porous osseointegrative inner surface and by an entirely ceramic design of the resurfacing prosthesis.

IPC 8 full level

A61F 2/36 (2006.01); **A61L 27/10** (2006.01); **A61L 27/56** (2006.01); **C04B 41/87** (2006.01)

CPC (source: CN EP KR US)

A61F 2/30767 (2013.01 - KR); **A61F 2/30942** (2013.01 - KR); **A61F 2/36** (2013.01 - CN EP KR US); **A61F 2/3609** (2013.01 - CN); **A61L 27/10** (2013.01 - CN EP KR US); **A61L 27/306** (2013.01 - CN EP KR US); **A61L 27/32** (2013.01 - CN EP US); **A61L 27/52** (2013.01 - CN EP US); **A61L 27/54** (2013.01 - US); **A61L 27/56** (2013.01 - CN EP KR US); **A61F 2002/2828** (2013.01 - KR); **A61F 2002/30784** (2013.01 - CN); **A61F 2002/3092** (2013.01 - KR); **A61F 2002/3093** (2013.01 - US); **A61F 2002/30968** (2013.01 - KR); **A61F 2002/3611** (2013.01 - CN); **A61F 2310/00592** (2013.01 - KR); **A61L 2430/02** (2013.01 - CN EP US); **A61L 2430/24** (2013.01 - CN EP KR US)

Citation (search report)

See references of WO 2016005236A1

Citation (examination)

- DE 102013202243 A1 20130829 - CERAMTEC GMBH [DE]
- EP 1867301 A1 20071219 - DEPUY PRODUCTS INC [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016005236 A1 20160114; AU 2015286969 A1 20170216; CN 106470644 A 20170301; DE 102015212260 A1 20160114; EP 3166539 A1 20170517; JP 2017519603 A 20170720; KR 20170028975 A 20170314; RU 2017104141 A 20180810; RU 2017104141 A3 20190109; US 2017266009 A1 20170921

DOCDB simple family (application)

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