

Title (en)
CERAMIC SPACER FOR THE TWO-SIDED REPLACEMENT OF IMPLANTS IN SHOULDER, KNEE, AND HIP AS A RESULT OF INFECTIONS

Title (de)
KERAMISCHE PLATZHALTER ("SPACER") FÜR DEN ZWEISEITIGEN WECHSEL VON IMPLANTATEN IN SCHULTER, KNIE UND HÜFTE INFOLGE VON INFEKTIONEN

Title (fr)
ESPACEUR (« SPACER ») CÉRAMIQUE POUR LE CHANGEMENT BILATÉRAL D'IMPLANTS D'ÉPAULE, DE GENOU ET DE HANCHE SUITE À UNE INFECTION

Publication
EP 3226811 A1 20171011 (DE)

Application
EP 15805149 A 20151203

Priority
• DE 102014225026 A 20141205
• EP 2015078460 W 20151203

Abstract (en)
[origin: WO2016087561A1] The invention relates to a spacer (1) comprised of individual components (2, 3, 4, 9, 10, 12) as joint replacement in the arthroplasty of shoulder, knee, and hip for the temporary surgical care of infections in the joint. The problems addressed by the invention are those of avoiding an adhesion of the bone to the spacer and a release of wear products, achieving that the patient does substantially not experience any mobility restriction, and keeping the wear and tear of the spacer as little as possible. These problems are solved in that at least one component of the spacer (1) is made of a ceramic material, of a plurality of ceramic materials, or of a non-ceramic material having a ceramic coating.

IPC 8 full level
A61F 2/30 (2006.01)

CPC (source: CN EP US)
A61F 2/30 (2013.01 - US); **A61F 2/30724** (2013.01 - CN EP US); **A61F 2/36** (2013.01 - US); **A61F 2/3662** (2013.01 - US); **A61F 2/3859** (2013.01 - US); **A61F 2/389** (2013.01 - US); **A61F 2/4014** (2013.01 - US); **A61F 2/4059** (2013.01 - US); **A61F 2002/30064** (2013.01 - US); **A61F 2002/305** (2013.01 - US); **A61F 2002/30593** (2013.01 - US); **A61F 2002/30624** (2013.01 - US); **A61F 2002/30649** (2013.01 - US); **A61F 2002/30672** (2013.01 - CN EP US); **A61F 2002/30677** (2013.01 - CN EP US); **A61F 2002/3615** (2013.01 - US); **A61F 2002/3654** (2013.01 - US); **A61F 2002/4022** (2013.01 - US); **A61F 2002/4051** (2013.01 - US); **A61F 2310/00011** (2013.01 - EP US); **A61F 2310/00179** (2013.01 - CN EP US); **A61F 2310/00353** (2013.01 - EP US)

Citation (search report)
See references of WO 2016087561A1

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 2016087561 A1 20160609; BR 112017010111 A2 20171226; CN 107223041 A 20170929; DE 102015224150 A1 20160609; EP 3226811 A1 20171011; JP 2017536214 A 20171207; RU 2017123560 A 20190110; US 2017340445 A1 20171130

DOCDB simple family (application)
EP 2015078460 W 20151203; BR 112017010111 A 20151203; CN 201580065814 A 20151203; DE 102015224150 A 20151203; EP 15805149 A 20151203; JP 2017530072 A 20151203; RU 2017123560 A 20151203; US 201515532914 A 20151203