

Title (en)
DYNAMIC CERVICAL DISK PROSTHESIS PROVIDED WITH DAMPING

Title (de)
DYNAMISCHE GEBÄRMUTTERHALS-BANDSCHEIBENPROTHESE MIT DÄMPFUNG

Title (fr)
PROTHÈSE DE DISQUE CERVICALE DYNAMIQUE DOTÉE D'AMORTISSEMENT

Publication
EP 2895114 A1 20150722 (FR)

Application
EP 13766585 A 20130904

Priority
• FR 1202407 A 20120911
• FR 2013000228 W 20130904

Abstract (en)
[origin: WO2014041256A1] The invention relates to a dynamic cervical disk prosthesis (1) comprising two upper (11) and lower (12) rigid plates containing a viscoelastic element (10), said upper and lower plates (11 and 12) having a slightly cambered and striated contact face, the main characteristic of this invention being that the lower plate (12) is in the form of a housing, compatible with a twist-lock of the upper plate (11) while allowing the mobility and damping of the two plates (11 and 12) around the viscoelastic element (10) that can be freely distorted thereby avoiding all risk of detachment of the prosthesis when subjected to applied forces.

IPC 8 full level
A61F 2/44 (2006.01)

CPC (source: EP US)
A61F 2/442 (2013.01 - US); **A61F 2/4425** (2013.01 - EP US); **A61F 2002/30367** (2013.01 - EP US); **A61F 2002/30393** (2013.01 - EP US); **A61F 2002/30563** (2013.01 - EP US); **A61F 2002/30649** (2013.01 - EP US); **A61F 2002/30662** (2013.01 - EP US); **A61F 2002/30825** (2013.01 - EP US); **A61F 2002/30827** (2013.01 - EP US); **A61F 2002/30904** (2013.01 - EP US); **A61F 2002/443** (2013.01 - EP US)

Citation (search report)
See references of WO 2014041256A1

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)
FR 2995205 A1 20140314; FR 2995205 B1 20140829; EP 2895114 A1 20150722; US 10159577 B2 20181225; US 2015245917 A1 20150903; WO 2014041256 A1 20140320

DOCDB simple family (application)
FR 1202407 A 20120911; EP 13766585 A 20130904; FR 2013000228 W 20130904; US 201314426844 A 20130904