

Title (en)

IMPLANT EQUIPPED FOR NERVE LOCATION AND METHOD OF USE

Title (de)

IMPLANTAT ZUR NERVENLOKALISATION UND ANWENDUNGSVERFAHREN

Title (fr)

IMPLANT ÉQUIPÉ POUR UNE LOCALISATION NERVEUSE ET SON PROCÉDÉ D'UTILISATION

Publication

EP 2249914 A4 20110330 (EN)

Application

EP 08730391 A 20080221

Priority

US 2008054578 W 20080221

Abstract (en)

[origin: WO2009105106A2] The invention describes a surgical implant that is equipped to provide neurological data during and after implantation. Neurological monitoring ensures accurate insertion of the implant with minimal disturbance of neural structures. The implant includes at least one electrically conductive region that is utilized to determine the distance from and direction to a nerve with respect to the implant.

IPC 8 full level

A61N 1/02 (2006.01); **A61N 1/08** (2006.01)

CPC (source: EP US)

A61B 5/24 (2021.01 - EP US); **A61B 5/389** (2021.01 - EP); **A61B 5/4893** (2013.01 - EP); **A61B 17/866** (2013.01 - EP);
A61B 17/7032 (2013.01 - EP)

Citation (search report)

- [X] WO 2005000394 A1 20050106 - VAUGHAN ROBIN [US], et al
- [X] EP 1698373 A1 20060906 - NDI MEDICAL LLC [US]
- [X] US 2004225228 A1 20041111 - FERREE BRETT A [US]
- [X] US 2004073221 A1 20040415 - BISCUP ROBERT S [US]
- See references of WO 2009105106A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2009105106 A2 20090827; WO 2009105106 A3 20091230; CN 101951848 A 20110119; CN 101951848 B 20140312;
EP 2249914 A2 20101117; EP 2249914 A4 20110330

DOCDB simple family (application)

US 2008054578 W 20080221; CN 200880127332 A 20080221; EP 08730391 A 20080221