Title (en)

COCHLEAR IMPLANT LOCALIZATION SYSTEM

Title (de)

LOKALISIERUNGSSYSTEM FÜR COCHLEAIMPLANTAT

Title (fr)

SYSTÈME DE LOCALISATION D'IMPLANT COCHLÉAIRE

Publication

EP 3749410 A1 20201216 (EN)

Application

EP 19707934 A 20190206

Priority

- US 201815890949 A 20180207
- US 201815890920 A 20180207
- US 201815890882 A 20180207
- US 2019016764 W 20190206

Abstract (en)

[origin: WO2019157004A1] A navigation system or combination of navigation systems can be used to provide one or more navigation modalities to track a position and navigate a single instrument in a volume. For example, both an Electromagnetic (EM) and Electropotential (EP) navigation system can be used to navigate an instrument within the volume. The two navigation systems may be used separately to selectively individually navigate the single instrument in the volume. Disclosed are also systems and processes to determine a shape of the single instrument either alone or in combination with the position of the instrument. The instrument may be navigated with the addition of tracking devices or with native or inherent portions of the instrument.

IPC 8 full level

A61N 1/05 (2006.01); **A61B 34/20** (2016.01)

CPC (source: EP)

A61B 34/20 (2016.02); **A61N 1/0541** (2013.01); A61B 2034/2051 (2016.02); A61N 1/36038 (2017.07)

Citation (search report)

See references of WO 2019157004A1

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 2019157004 A1 20190815; AU 2019217527 A1 20200709; CA 3090802 A1 20190815; CN 111699017 A 20200922; EP 3749410 A1 20201216; JP 2021512661 A 20210520

DOCDB simple family (application)

US 2019016764 W 20190206; AU 2019217527 A 20190206; CA 3090802 A 20190206; CN 201980012102 A 20190206; EP 19707934 A 20190206; JP 2020537729 A 20190206