

Title (en)

ADVANCED ELECTRODE ARRAY LOCATION EVALUATION

Title (de)

ERWEITERTE BEURTEILUNG DER POSITION EINER ELEKTRODENMATRIX

Title (fr)

ÉVALUATION AVANCÉE DE L'EMPLACEMENT D'UN RÉSEAU D'ÉLECTRODES

Publication

EP 3600531 A4 20210113 (EN)

Application

EP 18770349 A 20180324

Priority

- US 201762476295 P 20170324
- IB 2018052015 W 20180324

Abstract (en)

[origin: WO2018173010A1] A method, including sequentially activating a plurality of respective electrode pairs of an implanted cochlear implant, at least one of the electrodes of the respective electrode pairs being a respective electrode of an electrode array implanted in a cochlea, thereby generating respective localized electric fields, concurrently respectively measuring, for the plurality of activated respective electrode pairs, an electrical characteristic between the respective electrodes of the respective electrode pairs resulting from the respective localized electric fields, thereby obtaining a measurement set, determining, from the measurement set, a distance between the electrode array and a wall of the cochlea.

IPC 8 full level

A61N 1/36 (2006.01); **A61B 5/053** (2021.01); **A61N 1/05** (2006.01)

CPC (source: EP)

A61N 1/0541 (2013.01); **A61N 1/36038** (2017.07); **A61N 1/36039** (2017.07)

Citation (search report)

- [X] WO 2016205872 A1 20161229 - IMPEDIMED LTD [AU]
- [X] US 2013085362 A1 20130404 - CHOI CHARLES TAK MING [TW], et al
- [X] US 2013172718 A1 20130704 - CHOI CHARLES TAK MING [TW], et al
- See references of WO 2018173010A1

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

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