



(11) **EP 2 916 909 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:
Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 73

(51) Int Cl.:
A61N 1/36 ^(2006.01) **A61N 1/40** ^(2006.01)

(86) International application number:
PCT/US2013/068804

(48) Corrigendum issued on:
24.03.2021 Bulletin 2021/12

(87) International publication number:
WO 2014/074638 (15.05.2014 Gazette 2014/20)

(45) Date of publication and mention
of the grant of the patent:
27.01.2021 Bulletin 2021/04

(21) Application number: **13853394.8**

(22) Date of filing: **06.11.2013**

(54) **DEVICE FOR NON-INVASIVE MAGNETIC OR ELECTRICAL NERVE STIMULATION TO TREAT OR PREVENT DEMENTIA**

GERÄT ZUR NICHTINVASIVEN MAGNETISCHEN ODER ELEKTRISCHEN
NERVENSTIMULIERUNG ZUR BEHANDLUNG ODER VORBEUGUNG VON DEMENZ

DISPOSITIF DE STIMULATION NERVEUSE MAGNÉTIQUE OU ÉLECTRIQUE NON INVASIVE
DESTINÉE À TRAITER OU PRÉVENIR LA DÉMENCE

(84) Designated Contracting States:
**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**

(74) Representative: **Richardt Patentanwälte PartG
mbB
Wilhelmstraße 7
65185 Wiesbaden (DE)**

(30) Priority: **08.11.2012 US 201213671859**

(56) References cited:
**WO-A2-2009/021080 US-A1- 2006 100 668
US-A1- 2008 051 852 US-A1- 2009 234 419
US-A1- 2011 152 967**

(43) Date of publication of application:
16.09.2015 Bulletin 2015/38

(73) Proprietor: **electroCore, Inc.
Rockaway, NJ 07866 (US)**

- **GREICIUS, MD ET AL.: 'Functional connectivity in the resting brain: a network analysis of the default mode hypothesis' PNAS vol. 100, no. 1, 07 January 2003, pages 253 - 258, XP055264496 DOI: 10.1073/PNAS.0135058100**
- **HENEKA, MT ET AL.: 'Locus coeruleus controls Alzheimer's disease pathology by modulating microglial functions through norepinephrine' PROC NATL ACAD SCI vol. 107, no. 13, 30 March 2010, pages 6058 - 6063, XP055264515 DOI: 10.1073/PNAS.0909586107**
- **LEE, MH ET AL.: 'Clustering of Resting State Networks' PLOS ONE 09 July 2012, XP055294969**

(72) Inventors:

- **SIMON, Bruce J.
Mountain Lakes, New Jersey 07040 (US)**
- **ERRICO, Joseph P.
Warren, New Jersey 07059 (US)**
- **RAFFLE, John T.
Austin, Texas 78703 (US)**

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

EP 2 916 909 B8