

Title (en)
SYSTEMS, METHODS, AND KITS FOR PERIPHERAL NERVE STIMULATION

Title (de)
SYSTEME, VERFAHREN UND KITS ZUR PERIPHEREN NERVENSTIMULATION

Title (fr)
SYSTÈMES, PROCÉDÉS ET KITS DE STIMULATION NERVEUSE PÉRIPHÉRIQUE

Publication
EP 3500340 A4 20200318 (EN)

Application
EP 17840670 A 20170816

Priority
• US 201662375898 P 20160816
• CA 2017050971 W 20170816

Abstract (en)
[origin: WO2018032105A1] Nerve stimulation systems and methods are disclosed for providing modulation of nerve targets in the lower limbs typically at or below the knee. For example, transcutaneous electrical nerve stimulation (TENS), percutaneous nerve stimulation, and implantable stimulation systems and methods are disclosed for providing stimulation to the saphenous nerve (SAFN). Additionally, systems and methods are provided for co-stimulating the posterior tibial nerve (PTN) and SAFN in combination with unique stimulation, and with control and display of OAB therapy protocols for multiple sites. Systems and methods of treatment can provide for management of usage and compliance monitoring, obtain and operating upon patient input responses to queries and management of payments and permissions related to provision of therapies for various disorders. Monitoring of usage and compliance can be managed both locally and remotely from a user. Stimulation provided in combination with a passive implantable component is also disclosed.

IPC 8 full level
A61N 1/36 (2006.01); **A61N 1/04** (2006.01); **A61N 1/40** (2006.01); **A61N 1/05** (2006.01); **A61N 2/00** (2006.01); **A61N 2/02** (2006.01)

CPC (source: EP)
A61N 1/0456 (2013.01); **A61N 1/36007** (2013.01); **A61N 1/3603** (2017.07); **A61N 1/3606** (2013.01); **A61N 1/0502** (2013.01); **A61N 1/36017** (2013.01); **A61N 1/36034** (2017.07); **A61N 2/006** (2013.01); **A61N 2/02** (2013.01)

Citation (search report)
• [X] US 2014296935 A1 20141002 - FERREE THOMAS [US], et al
• [X] US 2010087903 A1 20100408 - VAN HERK JOHANNES JOHANNA [NL], et al
• [A] US 2013006322 A1 20130103 - TAI CHANGFENG [US]
• See references of WO 2018032105A1

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

DOCDB simple family (publication)
WO 2018032105 A1 20180222; CA 3034123 A1 20180222; EP 3500340 A1 20190626; EP 3500340 A4 20200318

DOCDB simple family (application)
CA 2017050971 W 20170816; CA 3034123 A 20170816; EP 17840670 A 20170816