

Title (en)

PATIENT THERAPY SYSTEMS AND METHODS

Title (de)

PATIENTENTHERAPIESYSTEME UND -VERFAHREN

Title (fr)

SYSTÈMES ET PROCÉDÉS DE TRAITEMENT DE PATIENT

Publication

**EP 3658226 A4 20210324 (EN)**

Application

**EP 18838783 A 20180727**

Priority

- US 201715663532 A 20170728
- US 2018044124 W 20180727

Abstract (en)

[origin: WO2019023598A2] Some embodiments include a system with a sensor with electrodes including an active electrode and a receiving electrode that is in physical contact with skin of a patient forming an electrical circuit with control electronics of a controller that can measure an electrical parameter using an active electrode and a receiving electrode within a closed loop electrical muscle stimulation system. A sense electrical pulse can be applied to the tissue using the sensor, an electrical parameter measured from the tissue, and a stimulation pulse applied to the tissue based at least in part on the measured electrical parameter. The stimulation is adjustably controlled by the controller to maintain a constant power output to the tissue based on the electrical parameter. A good is coupled to a computer readable medium configured to store usage data, the usage data relating to the patient's use of the good.

IPC 8 full level

**A61N 1/36** (2006.01); **A61F 5/01** (2006.01); **A61N 1/04** (2006.01); **A61N 1/372** (2006.01)

CPC (source: EP)

**A61N 1/0452** (2013.01); **A61N 1/0468** (2013.01); **A61N 1/0484** (2013.01); **A61N 1/36021** (2013.01); **A61N 1/36031** (2017.08); **A61N 1/37247** (2013.01); **A61N 1/37258** (2013.01); **A61N 1/37264** (2013.01); **A61N 1/37282** (2013.01)

Citation (search report)

- [X] US 2014276298 A1 20140918 - COLEMAN STRUAN [US], et al
- [X] US 2016213924 A1 20160728 - COLEMAN STRUAN [US], et al
- [A] US 2016220814 A1 20160804 - CHIAO JUNG-CHIH [US]
- [A] WO 2017125921 A2 20170727 - L E V LAKEEV LTD [IL]
- See also references of WO 2019023598A2

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 2019023598 A2 20190131**; **WO 2019023598 A3 20190307**; CN 110997061 A 20200410; EP 3658226 A2 20200603; EP 3658226 A4 20210324; JP 2020528797 A 20201001

DOCDB simple family (application)

**US 2018044124 W 20180727**; CN 201880049941 A 20180727; EP 18838783 A 20180727; JP 2020504200 A 20180727