

Title (en)

PORTABLE TENS APPARATUS AND METHOD OF USE THEREOF

Title (de)

TRAGBARE TENS-VORRICHTUNG UND VERWENDUNGSVERFAHREN DAFÜR

Title (fr)

APPAREIL DE NEUROSTIMULATION TRANSCUTANÉE PORTATIF ET SON PROCÉDÉ D'UTILISATION

Publication

EP 2802378 A4 20150401 (EN)

Application

EP 13735880 A 20130111

Priority

- US 201261631916 P 20120113
- US 2013021137 W 20130111

Abstract (en)

[origin: WO2013106644A1] A TENS apparatus includes a portable TENS device having a housing with a lower surface, a pair of integral electrodes that are incorporated in the lower surface of the housing, and a pulse driver that is located within the housing and adapted to generate, a program of pulse waveforms, each of which is an asymmetrical biphasic square waveform.

IPC 8 full level

A61N 1/00 (2006.01); **A61N 1/04** (2006.01); **A61N 1/32** (2006.01); **A61N 1/36** (2006.01)

CPC (source: EP)

A61N 1/32 (2013.01); **A61N 1/0456** (2013.01); **A61N 1/36021** (2013.01)

Citation (search report)

- [X] US 2010004715 A1 20100107 - FAHEY BRIAN [US]
- [X] WO 9964105 A1 19991216 - KATZ AMIRAM [US], et al
- [X] WO 2005002668 A1 20050113 - CEFAR MEDICAL AB [SE], et al
- [A] US 2002068961 A1 20020606 - FISCHER WALLACE RAY [US], et al
- See references of WO 2013106644A1

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 2013106644 A1 20130718; AU 2013207901 A1 20140807; AU 2013207901 B2 20150820; EP 2802378 A1 20141119; EP 2802378 A4 20150401

DOCDB simple family (application)

US 2013021137 W 20130111; AU 2013207901 A 20130111; EP 13735880 A 20130111