

Title (en)

PULSED ELECTROMAGNETIC FIELD DEVICE WITH ADHESIVE APPLICATOR

Title (de)

GEPULSTES ELEKTROMAGNETISCHES FELDGERÄT MIT KLEBSTOFFAPPLIKATOR

Title (fr)

DISPOSITIF À CHAMP ÉLECTROMAGNÉTIQUE PULSÉ COMPORTANT UN APPLICATEUR ADHÉSIF

Publication

EP 2768581 A4 20150624 (EN)

Application

EP 12842568 A 20121022

Priority

- US 201161549645 P 20111020
- US 201161553717 P 20111031
- US 2012061352 W 20121022

Abstract (en)

[origin: WO2013059804A1] Systems and techniques for applying an electromagnetic field to bodily tissue include a self-contained and portable electromagnetic field generating device adhered to a surface with an adhesive composition on the applicator such that the radiated electromagnetic fields impinge upon the bodily tissue. The adhesive composition may include a therapeutic substance such as a rubefacient and/or one or more additives. The device includes an electromagnetic field generator, which is coupled to an antenna that is arranged to radiate the electromagnetic field. A power source is coupled to the generator to provide power for the device and an activator is used to initiate radiation of the electromagnetic field.

IPC 8 full level

A61M 37/00 (2006.01); **A61N 1/32** (2006.01); **A61N 2/00** (2006.01); **A61N 2/02** (2006.01); **A61N 2/04** (2006.01); **A61N 5/00** (2006.01)

CPC (source: EP)

A61N 1/325 (2013.01); **A61N 2/002** (2013.01); **A61N 2/004** (2013.01); **A61N 2/008** (2013.01); **A61N 2/02** (2013.01); **A61M 2037/0007** (2013.01)

Citation (search report)

- [I] US 4926881 A 19900522 - ICHINOMIYA TSUTOMU [JP], et al
- [A] US 2004210280 A1 20041021 - LIEDTKE RAINER K [DE]
- [A] US 6261221 B1 20010717 - TEPPER JOHN C [US], et al
- [A] US 6317630 B1 20011113 - GROSS YOSHI [IE], et al
- [A] WO 2004080531 A2 20040923 - BIOELECTRONICS CORP [US], et al
- See references of WO 2013059804A1

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 2013059804 A1 20130425; AU 2012325696 A1 20140605; CA 2852952 A1 20130425; CN 104039390 A 20140910; CN 104039390 B 20170308; EP 2768581 A1 20140827; EP 2768581 A4 20150624

DOCDB simple family (application)

US 2012061352 W 20121022; AU 2012325696 A 20121022; CA 2852952 A 20121022; CN 201280062210 A 20121022; EP 12842568 A 20121022