

Title (en)

NON-INVASIVE AUTONOMIC NERVOUS SYSTEM MODULATION

Title (de)

NICHTINVASIVE AUTONOME NERVENSYSTEMMODULATION

Title (fr)

MODULATION NON INVASIVE DU SYSTÈME NERVEUX AUTONOME

Publication

EP 2890459 A4 20160427 (EN)

Application

EP 13832046 A 20130830

Priority

- US 201261696090 P 20120831
- US 201361786313 P 20130315
- US 2013057624 W 20130830

Abstract (en)

[origin: WO2014036463A1] A system for applying energy to nerves surrounding blood vessel can include a piezoelectric array comprising a plurality of ultrasound elements, a controller configured to individually control a phasing of each of the ultrasound elements, a platform on which the ultrasound elements are coupled, wherein the platform is configured to support at least a part of the patient, a programmable generator configured to generate an output power for at least one of the ultrasound elements, and a programmable processor configured to process a signal transmitted from one of the ultrasound elements and reflected back from tissue, and determine a tissue characteristic based on the reflected signal.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] US 2011319765 A1 20111229 - GERTNER MICHAEL [US], et al
- [A] US 2012123243 A1 20120517 - HASTINGS ROGER [US]
- [A] WO 2011053772 A1 20110505 - SOUND INTERVENTIONS INC [US], et al
- See references of WO 2014036463A1

Cited by

US10293190B2; US10335280B2; US10589130B2

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)

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