

Title (en)

SENSOR, SENSOR PAD AND SENSOR ARRAY FOR DETECTING INFRASONIC ACOUSTIC SIGNALS

Title (de)

SENSOR, SENSORPAD UND SENSORANORDNUNG ZUR ERKENNUNG VON AKUSTISCHEN INFRASCHALLSIGNALEN

Title (fr)

CAPTEUR, COUSSINET DE CAPTEUR ET RÉSEAU DE CAPTEURS PERMETTANT DE DÉTECTER DES SIGNAUX ACOUSTIQUES INFRASONORES

Publication

EP 3324848 A1 20180530 (EN)

Application

EP 16828418 A 20160719

Priority

- US 201514803389 A 20150720
- US 2016042968 W 20160719

Abstract (en)

[origin: WO2017015286A1] A sensor, sensor pad and sensor array for detecting infrasonic signals in a living organism is provided. The sensor, sensor pad and/or array can be utilized for detecting, determining and/or diagnosing level of stenosis, occlusion, or aneurysm in arteries, or other similar diagnosis. The sensor can include unique circuitry in the form of a piezoelectric plate or element sandwiched between two conductive O-rings.

IPC 8 full level

A61B 7/04 (2006.01); **B06B 3/00** (2006.01)

CPC (source: EP)

A61B 7/02 (2013.01); **B06B 1/0651** (2013.01); **G01H 1/00** (2013.01); **G01H 11/08** (2013.01)

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 2017015286 A1 20170126; CA 2993020 A1 20170126; CN 108024784 A 20180511; EP 3324848 A1 20180530; EP 3324848 A4 20190403

DOCDB simple family (application)

US 2016042968 W 20160719; CA 2993020 A 20160719; CN 201680054439 A 20160719; EP 16828418 A 20160719