

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 A4 20190403 (EN)

Application

EP 16828418 A 20160719

Priority

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- 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 7/02 (2006.01); **A61B 7/04** (2006.01); **B06B 3/00** (2006.01); **G01H 1/00** (2006.01); **G01H 1/08** (2006.01); **G01H 11/08** (2006.01); **H04R 1/12** (2006.01)

CPC (source: EP)

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Citation (search report)

- [IY] WO 0178059 A2 20011018 - ANDROMED INC [CA], et al
- [Y] WO 2011163509 A1 20111229 - CVR GLOBAL INC [US], et al
- [A] US 2009211838 A1 20090827 - BILAN FRANK ALBERT [US]
- See references of WO 2017015286A1

Designated contracting state (EPC)

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