

Title (en)

MICROELECTRONIC SENSOR FOR USE IN HYPERSENSITIVE MICROPHONES

Title (de)

MIKROELEKTRONISCHER SENSOR ZUR VERWENDUNG IN HYPERSENSITIVEN MIKROFONEN

Title (fr)

CAPTEUR MICROÉLECTRONIQUE POUR UTILISATION DANS DES MICROPHONES HYPERSENSIBLES

Publication

**EP 3426156 A1 20190116 (EN)**

Application

**EP 17719323 A 20170307**

Priority

- US 201615067093 A 20160310
- US 201615157285 A 20160517
- US 201662384831 P 20160908
- IB 2017051327 W 20170307

Abstract (en)

[origin: WO2017153908A1] In some embodiments, the present application provides a swallowable capsule comprising pseudo conductive high-electron-mobility transistors (PC-HEMTs), and its use in an intestinal and gut diagnostics and gut motility monitoring.

IPC 8 full level

**A61B 7/04** (2006.01); **H04R 1/46** (2006.01); **H04R 19/00** (2006.01); **H04R 19/04** (2006.01)

CPC (source: EP)

**A61B 5/073** (2013.01); **A61B 5/1107** (2013.01); **A61B 5/392** (2021.01); **A61B 5/4255** (2013.01); **A61B 7/04** (2013.01); **G01L 1/16** (2013.01); **G01L 1/18** (2013.01); **G01L 1/2293** (2013.01); **H04R 1/46** (2013.01); **H04R 19/005** (2013.01); **H04R 19/04** (2013.01); **A61B 2562/0247** (2013.01); **A61B 2562/028** (2013.01); **A61B 2562/043** (2013.01); **A61B 2562/164** (2013.01); **A61B 2562/166** (2013.01); **G01L 9/0098** (2013.01); **H01L 29/2003** (2013.01); **H01L 29/205** (2013.01); **H01L 29/84** (2013.01)

Citation (search report)

See references of WO 2017153911A1

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 2017153908 A1 20170914**; CN 109414217 A 20190301; CN 109414217 B 20211119; CN 109414241 A 20190301; DK 3426147 T3 20200921; EP 3426147 A1 20190116; EP 3426147 B1 20200617; EP 3426156 A1 20190116; ES 2819878 T3 20210419; WO 2017153906 A2 20170914; WO 2017153906 A3 20171012; WO 2017153911 A1 20170914

DOCDB simple family (application)

**IB 2017051322 W 20170307**; CN 201780029381 A 20170307; CN 201780029419 A 20170307; DK 17719321 T 20170307; EP 17719321 A 20170307; EP 17719323 A 20170307; ES 17719321 T 20170307; IB 2017051319 W 20170307; IB 2017051327 W 20170307