

Title (en)

CATHETERS, SYSTEMS, AND RELATED METHODS FOR MAPPING, MINIMIZING, AND TREATING CARDIAC FIBRILLATION

Title (de)

KATHETER, SYSTEME UND ZUGEHÖRIGE VERFAHREN ZUR ABBILDUNG, MINIMIERUNG UND BEHANDLUNG VON VORHOFFLIMMERN

Title (fr)

CATHÉTERS, SYSTÈMES ET PROCÉDÉS ASSOCIÉS POUR CARTOGRAPHIER, RÉDUIRE ET TRAITER UNE FIBRILLATION CARDIAQUE

Publication

**EP 3547910 A4 20200715 (EN)**

Application

**EP 17879048 A 20171129**

Priority

- US 201615369483 A 20161205
- US 2017063747 W 20171129

Abstract (en)

[origin: WO2018106496A1] Catheters, systems, and related methods for optimized for mapping, minimizing, and treating cardiac fibrillation in a patient, including an array of at least one stacked electrode pair, each electrode pair including a first electrode and a second electrode, wherein each electrode pair is configured to be orthogonal to a surface of a cardiac tissue substrate, wherein each first electrode is in contact with the surface to record a first signal, and wherein each second electrode is separated from the first electrode by a distance which enables the second electrode to record a second signal, wherein the catheter is configured to obtain one or more measurements from at least a first signal and a second signal in response to electrical activity in the cardiac tissue substrate indicative of a number of electrical circuit cores and distribution of the electrical circuit cores for a duration across the cardiac tissue substrate.

IPC 8 full level

**A61B 5/107** (2006.01); **A61B 5/296** (2021.01); **A61B 17/00** (2006.01); **A61M 25/00** (2006.01); **A61M 25/08** (2006.01)

CPC (source: EP IL US)

**A61B 5/283** (2021.01 - EP IL US); **A61B 5/361** (2021.01 - EP IL); **A61B 5/6852** (2013.01 - EP IL); **A61B 18/02** (2013.01 - IL); **A61B 18/04** (2013.01 - EP IL); **A61B 18/02** (2013.01 - EP); **A61B 2017/00053** (2013.01 - EP IL); **A61B 2018/00351** (2013.01 - EP IL); **A61B 2018/00577** (2013.01 - EP IL); **A61B 2018/00642** (2013.01 - EP IL); **A61B 2018/00708** (2013.01 - EP IL); **A61B 2018/00839** (2013.01 - EP IL); **A61B 2018/00898** (2013.01 - EP IL); **A61B 2018/00904** (2013.01 - EP IL)

Citation (search report)

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- See references of WO 2018106496A1

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 2018106496 A1 20180614**; AU 2017370535 A1 20190704; AU 2017370535 B2 20230629; CA 3045988 A1 20180614; EP 3547910 A1 20191009; EP 3547910 A4 20200715; IL 267047 A 20190829; IL 267047 B 20221001; IL 267047 B2 20230201

DOCDB simple family (application)

**US 2017063747 W 20171129**; AU 2017370535 A 20171129; CA 3045988 A 20171129; EP 17879048 A 20171129; IL 26704719 A 20190603