

Title (en)
PERSONALIZED ARRHYTHMIA TREATMENT PLANNING

Title (de)
PERSONALISIERTE ARRHYTHMIEBEHANDLUNGSPLANUNG

Title (fr)
PLANIFICATION DE TRAITEMENT D'ARYTHMIE PERSONNALISÉE

Publication
EP 4229644 A1 20230823 (EN)

Application
EP 21801994 A 20211013

Priority
• US 202063091174 P 20201013
• IB 2021059388 W 20211013

Abstract (en)
[origin: WO2022079623A1] A system and method for predicting the outcome of therapy for a cardiac arrhythmia patient are disclosed. The system and method include inputting data regarding the arrhythmia into a database, the database including data on other arrhythmia patients and their respective therapy, modeling the arrhythmia based on training and modeling of the other arrhythmia data, and predicting the outcome of therapy for the cardiac arrhythmia patient. The system and method may include the input data including patient records, prior examination information, drug protocol, demographics, age and gender, surface ECG, at least one MRI, and modeling information. The modeling may include at least one of a digital model, mapping information, and CARTO® information.

IPC 8 full level
G16H 20/00 (2018.01)

CPC (source: EP IL)
G16H 20/10 (2017.12 - EP IL); **G16H 20/40** (2017.12 - EP IL); **G16H 50/20** (2017.12 - EP IL); **G16H 50/70** (2017.12 - EP IL)

Citation (search report)
See references of WO 2022079623A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022079623 A1 20220421; CN 116348960 A 20230627; EP 4229644 A1 20230823; IL 301724 A 20230501; JP 2023544896 A 20231025

DOCDB simple family (application)
IB 2021059388 W 20211013; CN 202180070177 A 20211013; EP 21801994 A 20211013; IL 30172423 A 20230327; JP 2023522454 A 20211013