Title (en)

DETECTION AND/OR PREDICTION OF STROKE USING IMPEDANCE MEASUREMENTS

Title (de)

ERKENNUNG UND/ODER VORHERSAGE EINES SCHLAGANFALLS MITHILFE VON IMPEDANZMESSUNGEN

Title (fr)

DÉTECTION ET/OU PRÉDICTION D'ACCIDENT VASCULAIRE CÉRÉBRAL AU MOYEN DE MESURES D'IMPÉDANCE

Publication

EP 4262546 A1 20231025 (EN)

Application

EP 21847814 A 20211215

Priority

- US 202063126310 P 20201216
- US 202117644129 A 20211214
- US 2021063569 W 20211215

Abstract (en)

[origin: WO2022132938A1] A system comprises a memory, a plurality of electrodes, sensing circuitry, and processing circuitry. The sensing circuitry configured to determine one or more tissue impedance values via the electrodes, wherein the tissue impedance values vary as a function of ejection fraction of a heart of a patient. The processing circuitry configured to determine, at least based on the one or more tissue impedance values, a stroke metric indicative of a stroke status of the patient, and store the stroke metric in a memory.

IPC 8 full level

A61B 5/029 (2006.01); **A61B 5/00** (2006.01); **A61B 5/0295** (2006.01); **A61B 5/053** (2021.01); **A61B 5/11** (2006.01); **A61B 5/318** (2021.01); **A61B 5/369** (2021.01)

CPC (source: EP)

A61B 5/0006 (2013.01); **A61B 5/029** (2013.01); **A61B 5/0295** (2013.01); **A61B 5/053** (2013.01); **A61B 5/11** (2013.01); **A61B 5/318** (2021.01); **A61B 5/369** (2021.01); **A61B 5/4064** (2013.01); **A61B 5/7275** (2013.01); **G16H 40/20** (2017.12); **G16H 40/63** (2017.12); **G16H 40/67** (2017.12); **G16H 50/20** (2017.12); **G16H 50/30** (2017.12); **G16H 50/70** (2017.12); A61B 5/1116 (2013.01); A61B 5/1117 (2013.01); A61B 5/4803 (2013.01); A61B 5/6822 (2013.01); A61B 5/746 (2013.01)

Citation (search report)

See references of WO 2022132938A1

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 2022132938 A1 20220623; EP 4262546 A1 20231025

DOCDB simple family (application)

US 2021063569 W 20211215; EP 21847814 A 20211215