

Title (en)

SYSTEM AND METHOD FOR MODULATING THERAPY IN A REMOTE CARE ARCHITECTURE

Title (de)

SYSTEM UND VERFAHREN ZUR MODULIERUNG DER THERAPIE IN EINER FERNPFLEGEARCHITEKTUR

Title (fr)

SYSTÈME ET PROCÉDÉ DE MODULATION DE THÉRAPIE DANS UNE ARCHITECTURE DE SOINS À DISTANCE

Publication

**EP 3986540 A4 20230816 (EN)**

Application

**EP 20825988 A 20200617**

Priority

- US 201916449056 A 20190621
- US 201962865155 P 20190622
- US 202016900202 A 20200612
- US 2020038165 W 20200617

Abstract (en)

[origin: WO2020257041A1] A system, method and network architecture for facilitating remote care delivery involving a patient (102, 1404) having an implantable medical device (IMD) (103, 170). Upon establishing a remote care session (159, 199) between a patient controller device (150, 1405) and a clinician programmer (180, 1424), wherein the clinician (138, 1422) and the patient (102, 1404) are remotely located with respect to each other, telehealth consultation may be provided to the patient (102, 1404) by the clinician (138, 1422) via an audiovisual (AV) communications session channel (163 A, 163B). Responsive to determining that the patient (102, 1404) requires remote therapy, one or more (re)programming instructions may be provided to the patient's IMD via a remote therapy session channel (165A, 165B) of the remote care session (159, 199) using an integrated graphical user interface (GUI) (1800 A) that may include suitable GUI controls for AV communications, remote session control as well as the remote programming of the patient's IMD (103, 170).

IPC 8 full level

**G16H 40/67** (2018.01); **A61B 5/00** (2006.01); **A61N 1/00** (2006.01); **A61N 1/372** (2006.01); **G16H 20/00** (2018.01); **G16H 20/17** (2018.01); **G16H 20/40** (2018.01); **G16H 40/63** (2018.01); **G16H 50/20** (2018.01); **G16H 80/00** (2018.01); **H04M 1/725** (2021.01); **H04W 4/00** (2018.01); **G06N 20/00** (2019.01)

CPC (source: EP)

**A61B 5/0031** (2013.01); **A61N 1/37282** (2013.01); **G16H 20/17** (2018.01); **G16H 20/40** (2018.01); **G16H 40/63** (2018.01); **G16H 40/67** (2018.01); **G16H 50/20** (2018.01); **G16H 80/00** (2018.01); **A61N 1/37247** (2013.01); **A61N 1/37254** (2017.08); **G06N 20/00** (2019.01)

Citation (search report)

- [Y] EP 2185065 B1 20130116 - CARDIAC PACEMAKERS INC [US]
- [Y] US 2002082665 A1 20020627 - HALLER MARKUS [CH], et al
- [Y] US 2013218582 A1 20130822 - LALONDE JOHN [US]
- [IY] US 10086202 B2 20181002 - SEIM GARY T [US], et al
- [IY] US 2012271380 A1 20121025 - ROBERTS EARLE T [US], et al
- See also references of WO 2020257301A1

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 2020257041 A1 20201224**; EP 3986252 A1 20220427; EP 3986252 A4 20230823; EP 3986257 A1 20220427; EP 3986257 A4 20230823; EP 3986540 A1 20220427; EP 3986540 A4 20230816; WO 2020257301 A1 20201224; WO 2020257454 A1 20201224

DOCDB simple family (application)

**US 2020037180 W 20200611**; EP 20825723 A 20200611; EP 20825988 A 20200617; EP 20826573 A 20200618; US 2020038165 W 20200617; US 2020038434 W 20200618