

Title (en)

DEVICE WITH SWITCHED CAPACITOR CHARGE PUMP SENSING CIRCUITRY

Title (de)

VORRICHTUNG MIT SCHALTKONDENSATOR-LADUNGSPUMPENERFASSUNGSSCHALTUNG

Title (fr)

DISPOSITIF DOTÉ D'UN CIRCUIT DE DÉTECTION DE POMPE À CHARGE À CONDENSATEUR COMMUTÉ

Publication

EP 4262969 A1 20231025 (EN)

Application

EP 21844514 A 20211217

Priority

- US 202063127366 P 20201218
- US 202117644735 A 20211216
- US 2021064178 W 20211217

Abstract (en)

[origin: WO2022133298A1] An example device includes a memory configured to store representations of sensed signals. The example device includes processing circuitry coupled to the memory, the processing circuitry being configured to read or write the representations of the sensed signals in the memory. The example device includes sensing circuitry coupled to the processing circuitry, the sensing circuitry being configured to sense signals indicative of a physiological condition of a patient via a plurality of electrodes and to output to the processor circuitry the representations of the sensed signals. The sensing circuitry includes a switched capacitor charge pump configured to amplify the sensed signals to generate amplified signals.

IPC 8 full level

A61N 1/37 (2006.01); **A61B 5/308** (2021.01); **A61N 1/02** (2006.01); **A61N 1/08** (2006.01); **A61N 1/36** (2006.01); **A61N 1/362** (2006.01); **A61N 1/375** (2006.01); **H03F 3/00** (2006.01)

CPC (source: EP)

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Designated contracting state (EPC)

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Designated extension state (EPC)

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