

Title (en)

TWO STAGE RISK ASSESSMENT FOR PREDICTING IMMINENT ACUTE CARDIAC EPISODES

Title (de)

ZWEISTUFIGE RISIKOBEURTEILUNG ZUR VORHERSAGE BEVORSTEHENDER AKUTER HERZEPISODEN

Title (fr)

ÉVALUATION DE RISQUE EN DEUX ÉTAPES POUR PRÉDIRE DES ÉPISODES CARDIAQUES AIGUS IMMINENTS

Publication

**EP 4391886 A1 20240703 (EN)**

Application

**EP 22765229 A 20220819**

Priority

- US 202163237747 P 20210827
- US 202217813393 A 20220719
- IB 2022057804 W 20220819

Abstract (en)

[origin: WO2023026157A1] A medical device system determines first values associated with a first plurality of patient parameters associated with arrhythmic substrate and/or physiological triggers for acute cardiac events based on a first one or more of the physiological signals generated during the period and determines, based on the first values associated with the first plurality of patient parameters, whether to assess alterations in cardiac cellular electrophysiology and/or mechanical alterations of the patient. The system may, in response to determining to assess the alterations in cardiac cellular electrophysiology, determine second values associated with a second plurality of patient parameters relating to cardiac electrophysiology based on a second one or more of the physiological signals generated during the period and determine whether to generate an alert indicating that an acute cardiac event of the patient is predicted based at least in part on the second values associated with the second plurality of patient parameters.

IPC 8 full level

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CPC (source: EP)

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