

Title (en)

METHOD AND APPARATUS FOR DETECTING AND DISCRIMINATING TACHYCARDIA

Title (de)

VERFAHREN UND VORRICHTUNG FÜR NACHWEIS UND UNTERSCHIEDUNG VON TACHYKARDIE

Title (fr)

MÉTHODE ET APPAREIL POUR DÉTECTER ET DISCRIMINER LA TACHYCARDIE

Publication

EP 2563472 A1 20130306 (EN)

Application

EP 11715823 A 20110412

Priority

- US 32866510 P 20100428
- US 76877310 A 20100428
- US 2011032004 W 20110412

Abstract (en)

[origin: WO2011136916A1] A medical device and associated method for discriminating cardiac events includes sensing a cardiac signal spatially located across approximately a full duration of a predetermined sensing window. A match score is determined corresponding to the sensed cardiac signal. A beat feature of multiple beat features across less than the full duration of the sensing window is determined, the beat feature being selected from the multiple beat features in response to the match score. Cardiac event evidence is accumulated in response to the match score and the determined beat feature, and cardiac events are discriminated in response to the accumulated cardiac evidence.

IPC 8 full level

A61N 1/39 (2006.01); **A61B 5/0452** (2006.01)

CPC (source: EP US)

A61B 5/02405 (2013.01 - EP); **A61B 5/35** (2021.01 - EP US); **A61B 5/7203** (2013.01 - EP); **A61N 1/39622** (2017.07 - EP US)

Citation (search report)

See references of WO 2011136916A1

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 2011136916 A1 20111103; CN 102971045 A 20130313; CN 102971045 B 20150701; EP 2563472 A1 20130306

DOCDB simple family (application)

US 2011032004 W 20110412; CN 201180032103 A 20110412; EP 11715823 A 20110412