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Narayan et al.

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(54) **METHOD FOR ANALYSIS OF COMPLEX RHYTHM DISORDERS**

(71) Applicant: **The Regents of the University of California, Oakland, CA (US)**

(72) Inventors: **Sanjiv Narayan, La Jolla, CA (US); Wouter-Jan Rappel, San Diego, CA (US)**

(73) Assignees: **The Regents of the University of California, Oakland, CA (US); The United States of America as Represented by the Department of Veterans Affairs, Washington, DC (US)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

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CPC **A61B 5/02405** (2013.01); **A61B 5/02** (2013.01); **A61B 5/0245** (2013.01); **A61B 5/04** (2013.01); **A61B 5/0402** (2013.01); **A61B 5/044** (2013.01); **A61B 5/046** (2013.01);
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See application file for complete search history.

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Primary Examiner — Eric D. Bertram
(74) *Attorney, Agent, or Firm* — Eleanor Musick; Musick Davison LLP

(57) **ABSTRACT**

A method of analyzing a complex rhythm disorder in a human heart includes accessing signals from a plurality of sensors disposed spatially in relation to the heart, where the signals are associated with activations of the heart, and identifying a region of the heart having an activation trail that is rotational or radially emanating, where the activation trail is indicative of the complex rhythm disorder and is based on activation times associated with the activations of the heart.

81 Claims, 15 Drawing Sheets
(3 of 15 Drawing Sheet(s) Filed in Color)

