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Callahan

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(54) **RADIOLUCENT ECG ELECTRODE SYSTEM**

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(57) **ABSTRACT**

Disclosed is an ECG electrode lead system suitable for use during imaging procedures such as, without limitation, CT scans or MRI and methods of use. In embodiments, the system includes an ECG electrode connector formed from radiolucent materials to enhance performance during imaging procedures by reducing or eliminating shadows on imaging media. In some embodiments, the disclosed connector includes a housing having an opening configured to operably receive an electrode post of an ECG electrode pad, an electrode member having a generally semicircular contact face disposed along at least a part of the perimeter of the opening, and an engagement member having an actuation surface and an engaging face pivotable about a pivot to enable engaging face to move from a first position whereby the engaging face is closer to the contact face and a second position whereby the engaging face is further from the contact face.

20 Claims, 11 Drawing Sheets

