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Celentano et al.

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(54) **SYSTEM AND METHOD FOR QUALITY ASSURANCE OF A BIOSENSOR TEST STRIP**

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This patent is subject to a terminal disclaimer.

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(58) **Field of Classification Search**
CPC G01N 27/3273
See application file for complete search history.

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(57) **ABSTRACT**

The present invention provides a test strip for measuring a signal of interest in a biological fluid when the test strip is mated to an appropriate test meter, wherein the test strip and the test meter include structures to verify the integrity of the test strip traces, to measure the parasitic resistance of the test strip traces, and to provide compensation in the voltage applied to the test strip to account for parasitic resistive losses in the test strip traces.

9 Claims, 8 Drawing Sheets

