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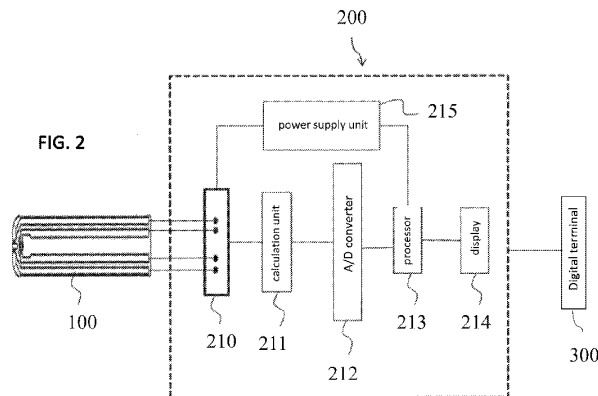
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(54) Title: GALACTOSE RAPID QUANTITATIVE DETECTION SYSTEM AND USE THEREOF



(57) Abstract: A galactose rapid detection system has a galactose composition including a galactose, a buffer solution and an 0~99% antioxidant, which enters a human body after metabolism and produces a biological sample; a test strip or a filter paper, comprising an enzyme, the enzyme would react with the biological sample producing an electrochemical information; a meter including a power supply unit for providing a signal; a connector for receiving the signal provided by the power supply unit, transmitting the signal to the test strip or the filter paper, wherein the signal reacting with the electrochemical information produce a corresponding response signal, and the connector transmit the corresponding response signal to the meter; a calculation unit for calculating the corresponding response signal; an A/D converter for receiving the corresponding response signal from the calculation unit, transforming the corresponding response signal into a digital reaction signal calculated by the calculation unit; and a processor for processing the digital reaction signal

[Continued on next page]

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