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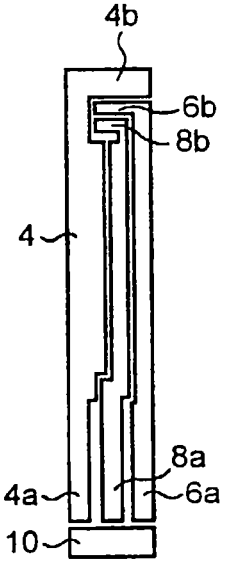
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(54) Title: MEASUREMENT OF SUBSTANCES IN LIQUIDS

(57) Abstract: In a method of measuring the concentration of a substance such as glucose in a sample liquid such as blood or interstitial fluid, a measuring device is provided having a working sensor part (6b), a second working sensor part (8b) and a reference sensor part (4b). The sample liquid is applied to the measuring device and an electric current proportional to the concentration of the substance in the sample liquid is measured at each sensor part (6b, 8b). The electric currents are compared to establish the difference. If the difference is greater than a predetermined threshold, an error indication is given. A disposable test strip with two working sensors (6b, 8b) is also disclosed.



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