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(54) Title: MEDICAL DEVICE FOR DETECTING AT LEAST ONE ANALYTE IN A BODY FLUID

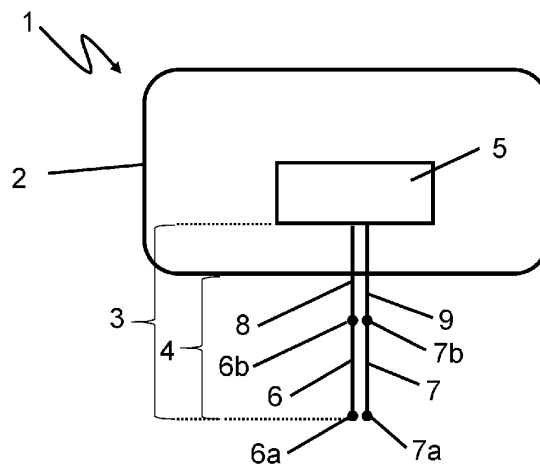


Fig. 1

(57) Abstract: The present invention relates to medical device for detecting at least one analyte in a body fluid, comprising a base body for attaching the medical device to a patient's body; an insertable analyte sensor comprising an insertable portion; and an electronics unit operably connected to the insertable analyte sensor, wherein the insertable analyte sensor comprises a first electrode and a second electrode, both, forming part of the insertable portion, wherein the first electrode extending from a second end towards its first free end and the second electrode extending from a second end towards its first free end are configured to be, during use of the medical device, at least partially in electric contact with the body tissue of a user. In order to mitigate a risk of an uncontrolled electric current flowing into a user's body, the electrical resistance of the first and second electric conductor is higher than the electrical resistance of the first electrode and second electrode.



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