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(54) Title: METHOD OF SAMPLE CONTROL AND CALIBRATION ADJUSTMENT FOR USE WITH A NONINVASIVE AN-

(57) Abstract: A method and apparatus for easing the use of an optically based noninvasive analyzer is presented. More particularly, a simplified algorithm is used that removes the daily requirement of collecting and using a noninvasive spectrum to update a calibration model. In another embodiment, a guide is used to substantially reduce variation in sample probe placement in relation to a skin tissue sampling site, resulting in the ability to maintain calibration performance with the use of a reference analyte concentration, with or without the use of a reference spectrum collected nearby in time.



INTERNATIONAL SEARCH REPORT

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Medline: calibration/calibrating: glucose C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim N US 5,507,288 A (Bocker et al.) 16 April 1996 (16.04.1996), entire document. 1-3,5-8,10-17,19-27, 4,18,28 Y US 5,070,874 A (Barnes et al.) 10 December 1991 (10.12.1991), Abstact. Y US 5,070,874 A (Robinson et al.) 27 February 1996 (27.02.1996), column 24, lines 3-38. **Special categories of clied documents: **A* document defining the general state of the art which is not considered to be of particular relevance of particular relevance and in the publication of pater published on or after the international filing date or priorit date and not in conflict with the application that circle to understand rynchigh or whose of priority claim(s) or which is circle to expecified) To document which may throw doubts on priority claim(s) or which is circle to expecified) To document referring to an oral disclonure, use, eshibition or other means The document referring to an oral disclonure, use, eshibition or other means The document referring to an oral disclonure, use, eshibition or other means The document referring to an oral disclonure, use, eshibition or other means The document referring to an oral disclonure, use, eshibition or other means The document referring to an oral disclonure, use, eshibition or other means The document referring to an oral disclonure, use, eshibition or other means The document referring to an oral disclonure, use, eshibition or other means The document referring to an oral disclonure, use, eshibition or other means The document referring to an oral disclonure, use, eshibition or other means The document referring to an oral disclonure, use, eshibition or other means The document referring to an oral disclonure, use, eshibition or other means The documen			by classification symbols)	
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