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[Continued on next page]

MULTI-SITE BODY FLUID SAMPLING AND ANALYSIS CARTRIDGE

An arrangement includes a housing, a plurality of sampling and analysis sites contained within the housing, each of the sampling and analysis sites having a skin-penetration member having a first end configured to pierce the skin, and an inner lumen in communication with the first end, an actuator operatively associated with the skin-penetration member, and an analyte quantification member in fluid communication with the inner lumen of the skin-penetration member. Integrated devices including such arrangements are also described.

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INTERNATIONAL SEARCH REPORT

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A CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A61 B 5/55 (2007 01)
USPC - 600/347

According to International Patent Classification (IPC) or to both national classification and IPC

B FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8) - A61 B 5/555 (2007 01)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

USPC - 435/288 7, 600/18, 600/584, 606/181, 436/518, 435/278

IPC(B) - C12M 1/34 (2007 01), A61B 017/14 (2007 01), A61B 005/00

Key word search of text

See below for typical key words

Electronic data base consulted during the international search (name of data base and where practicable search terms used)

Google Web, Google Scholar, USPTO, EPO, PAJ, WEST

lancet, cartridge, plurality, torsion, lumen, capillary, optical

C DOCUMENTS CONSIDERED TO BE RELIABLE

Category* Citation of document, with indication where appropriate of the relevant passages Relevant to claim No

X

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I

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Document of particular relevance the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

L

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