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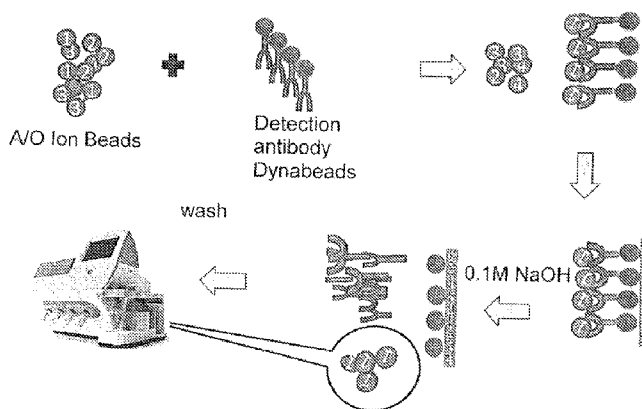
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[Continued on next page]

(54) **Title:** PROTEIN DETECTION USING FET

FIGURE 1



(57) **Abstract:** Accordingly, in some embodiments methods for detecting an analyte or analytes in one or more sample(s) are provided. The methods encompass providing a solid support with an addressable marker and an associated ligand, contacting the solid substrate to a sample, thereby forming a contacted solid support, associating the contacted solid support with a FET array and detecting the electrical properties of the FET array and thereby detecting an analyte or analytes in one or more samples. In other embodiments, the sample encompasses a second addressable marker.



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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPO-Internal, BIOSIS, EMBASE, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	----- GB 2 461 127 A (ION TORRENT SYSTEMS INC [US]) 30 December 2009 (2009-12-30) p. 185-193	1-21
X	----- US 2010/261203 A1 (CICCIARELLI JAMES C [US] ET AL) 14 October 2010 (2010-10-14)	21
A	Examples 1-4 ----- -/--	1-20

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	NEEDELS M C ET AL: "GENERATION AND SCREENING OF AN OLIGONUCLEOTIDE-ENCODED SYNTHETIC PEPTIDE LIBRARY", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES - PNAS, NATIONAL ACADEMY OF SCIENCES, US, vol. 90, 1 November 1993 (1993-11-01), pages 10700-10704, XP000652260, ISSN: 0027-8424, DOI: 10.1073/PNAS.90.22.10700 p. 10700, col. 2 -----	1-21

INTERNATIONAL SEARCH REPORT

Information on patent family members

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