Title: A BIOSENSOR DEVICE AND A METHOD OF DETECTING BIOLOGICAL PARTICLES

Abstract: A biosensor device (100) for detecting biological particles, the biosensor device (100) comprising an electromagnetic radiation transmitting member (102) adapted for transmitting electromagnetic radiation and a plurality of sensor active structures (104) arranged at the electromagnetic radiation transmitting member (102), wherein each of the plurality of sensor active structures (104) is sensitive to specific biological particles and is adapted to modify electromagnetic radiation transmission properties of the electromagnetic radiation transmitting member (102) in the event of the presence of the respective biological particles, and wherein the electromagnetic radiation transmitting member (102) is adapted for a simultaneous detection of different biological particles at different ones of the plurality of sensor active structures (104).
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report: 23 July 2009
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
INV. G01N21/55  G01N21/77

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)
G01N

Documentations searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database consulted during the international search (name of database and, where practical, search terms used)
EPO-Internal, INSPEC, COMPENDEX, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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


X WO 01/40757 A (UNIV UTAH RES FOUND [US]; BLAIR STEVEN M [US]) 7 June 2001 (2001-06-07) page 6, line 8 - page 8, line 11 page 12, line 8 - page 13, line 13 page 15, lines 1-11 page 17, line 15 - page 18, line 17 figures 1, 2B 1-7, 10-13, 15

Further documents are listed in the continuation of Box C.

* Special categories of cited documents:
*A* document defining the general state of the art which is not considered to be of particular relevance
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"P" document published prior to the international filing date but later than the priority date claimed

Date of the actual completion of the international search
30 April 2009

Date of mailing of the international search report
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Name and mailing address of the ISA
European Patent Office, P.O. Box 5318 Patentlaan 2 NL - 2280 HJ Rijswijk, Tel (+31-70) 340-2040, Fax (+31-70) 340-3016

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Hoogen, Ricardo
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