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(54) **Title:** COMPLEX ABLE TO DETECT AN ANALYTE, METHOD FOR ITS PREPARATION AND USES THEREOF

(57) **Abstract:** A complex able to detect an analyte (CRA) comprising a particle expressing on its outer surface a compound having specific binding capability (CDCLS) for the analyte and stably including at least one nucleic acid reporter sequence being univocally associated to the CDCLS; process for its construction and uses thereof.

INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
C12Q1/68 G01N33/58 G01N33/68

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)
C12Q G01N

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

Electronic data base consulted during the international search (name of data base and, where practical, 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
X	WO 02/48403 A (HK PHARMACEUTICALS, INC; MONFORTE, JOSEPH, A) 20 June 2002 (2002-06-20)	1-5, 7-11, 15-17
Y	the whole document	6,12-14
Y	RONDOT SUSANNE ET AL: "A helper phage to improve single-chain antibody presentation in phage display" NATURE BIOTECHNOLOGY, vol. 19, no. 1, January 2001 (2001-01), pages 75-78, XP002368462 ISSN: 1087-0156 page 77, column 2; figure 1 abstract	12-14

Further documents are listed in the continuation of Box C.

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 - *Y* 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.
 - *G* document member of the same patent family

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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Luzzatto, E

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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.
Y	<p>BURIONI R ET AL: "An improved phage display vector for antibody repertoire cloning by construction of combinatorial libraries" RESEARCH IN VIROLOGY, vol. 148, no. 2, 1997, pages 161-164, XP002368463 ISSN: 0923-2516 the whole document</p>	6,12-14
Y	<p>WO 02/39120 A (BIONOVA PHARMACEUTIALS, INC; GEORGE, SHAJI, T; BURIONI, ROBERTO) 16 May 2002 (2002-05-16) page 13, line 10 - page 14, line 25; claims</p>	12-14
Y	<p>BAEK HYUNJUNG ET AL: "An improved helper phage system for efficient isolation of specific antibody molecules in phage display." NUCLEIC ACIDS RESEARCH. 1 MAR 2002, vol. 30, no. 5, 1 March 2002 (2002-03-01), page e18, XP002241950 ISSN: 1362-4962 abstract,introduction</p>	12-14
A	<p>BARBAS C F ET AL: "ASSEMBLY OF COMBINATORIAL ANTIBODY LIBRARIES ON PHAGE SURFACES: THE GENE III SITE" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE, WASHINGTON, DC, US, vol. 88, September 1991 (1991-09), pages 7978-7982, XP000652426 ISSN: 0027-8424 cited in the application the whole document</p>	12,13
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Information on patent family members

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