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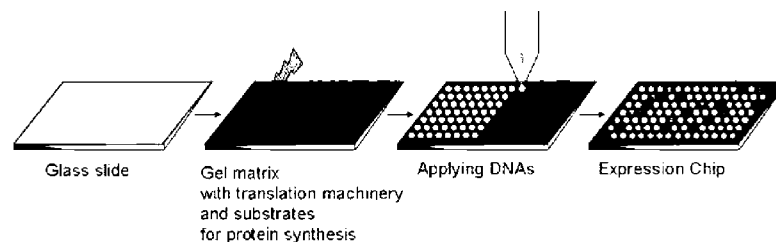
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(54) Title: SUPPORTS AND GENE ARRAYS FOR IN SITU GENERATION OF PROTEIN ARRAYS, PROTEIN ARRAYS OBTAINED THEREFROM, AND METHODS FOR MANUFACTURE AND USE THEREOF

[Fig. 1]



(57) Abstract: Disclosed are a support for *in situ* generation of a protein array having a hydrogel including a protein biosynthesis machinery coated thereon, a gene array including the support, a protein array obtained therefrom, and methods for manufacture and use thereof.

A. CLASSIFICATION OF SUBJECT MATTER*G01N 33/68(2006.01)i, G01N 33/53(2006.01)i, G01N 33/48(2006.01)i, G01N 35/00(2006.01)i*

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 33/68; C12M 1/00; C12P 21/06; C12Q 1/68; G01N 33/50; G01N 33/53

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: hydrogel, support, protein array, biosynthesis.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2007-0117177 A1 (DAN LUO et al.) 24 May 2007 See abstract, claims 1,2,12-15, 17,21.	1-13
Y	Nucleic Acid Research, 2000, vol.28(12),e66, pp.i-v. See abstract, page ii, and figure 1.	1-13
A	US 2001-0041349 A1 (ANDREW PATRON et al.) 15 November 2001 See the whole document.	1-13
A	KR 10-2008-0028937 A (COMMISSARIAT A L'ENERGIE ATOMIQUE) 02 April 2008 See the whole document.	1-13



Further documents are listed in the continuation of Box C.



See patent family annex.

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"&" document member of the same patent family

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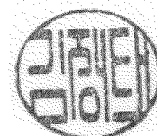
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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