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[Continued on next page]

(54) Title: SOFT SUBSTRATE FOR CELL CULTURE AND PROCESS FOR PREPARING THE SAME

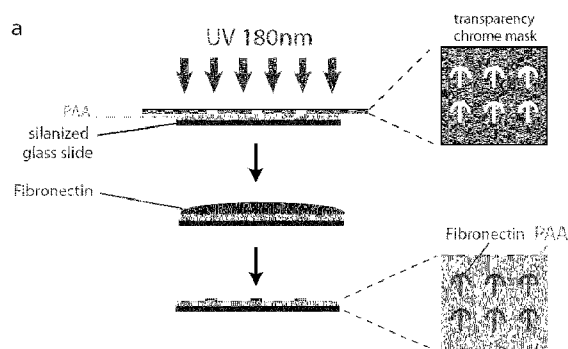


FIGURE 2A

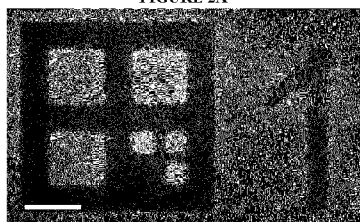


FIGURE 2B

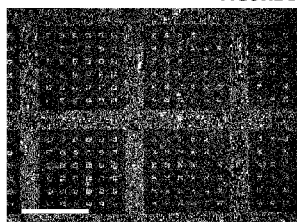


FIGURE 2C

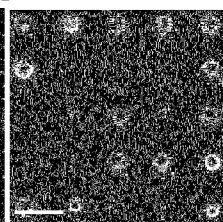


FIGURE 2D

(57) Abstract: The present invention relates to a method for producing a soft substrate and to the soft substrate produced thereby, said substrate being particularly useful for cell culture.



SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C12N

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 practicable, search terms used)

EPO-Internal, BIOSIS, EMBASE, MEDLINE, 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	AMMAR AZIOUNE ET AL: "Simple and rapid process for single cell micro-patterning", LAB ON A CHIP, vol. 9, no. 11, 1 January 2009 (2009-01-01), page 1640, XP055010849, ISSN: 1473-0197, DOI: 10.1039/b821581m the whole document ----- -/--	1-12



Further documents are listed in the continuation of Box C.



See patent family annex.

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International application No

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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	ALEXANDER WELLE ET AL: "UV-Based Patterning of Polymeric Substrates for Cell Culture Applications", BIOMEDICAL MICRODEVICES, KLUWER ACADEMIC PUBLISHERS, BO, vol. 4, no. 1, 1 March 2002 (2002-03-01), pages 33-41, XP019205055, ISSN: 1572-8781, DOI: 10.1023/A:1014267712144 the whole document	1-12
Y	----- MITCHELL S A ET AL: "Cellular attachment and spatial control of cells using micro-patterned ultra-violet/Ozone treatment in serum enriched media", BIOMATERIALS, ELSEVIER SCIENCE PUBLISHERS BV., BARKING, GB, vol. 25, no. 18, 1 August 2004 (2004-08-01), pages 4079-4086, XP004497070, ISSN: 0142-9612, DOI: 10.1016/J.BIOMATERIALS.2003.11.010 the whole document	1-12
Y	----- VESNA DAMLJANOVIC ET AL: "Bulk and micropatterned conjugation of extracellular matrix proteins to characterized polyacrylamide substrates for cell mechanotransduction assays", BIOTECHNIQUES, vol. 39, no. 6, 1 December 2005 (2005-12-01), pages 847-851, XP055010845, ISSN: 0736-6205, DOI: 10.2144/000112026 the whole document	1-12
Y	----- WO 2010/011407 A2 (HARVARD COLLEGE [US]; KUO PO-LING [US]; FEINBERG ADAM W [US]; PARKER K) 28 January 2010 (2010-01-28) the whole document	1-12
Y	----- PETERBAUER THOMAS ET AL: "Simple and versatile methods for the fabrication of arrays of live mammalian cells", LAB ON A CHIP, ROYAL SOCIETY OF CHEMISTRY, CAMBRIDGE, GB, vol. 6, no. 7, 1 January 2006 (2006-01-01), pages 857-863, XP002563077, ISSN: 1473-0197, DOI: 10.1039/B601803C [retrieved on 2006-05-08] the whole document ----- -/--	1-12

INTERNATIONAL SEARCH REPORT

International application No

PCT/EP2012/052050

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
T	QINGZONG TSENG ET AL: "A new micropatterning method of soft substrates reveals that different tumorigenic signals can promote or reduce cell contraction levels", LAB ON A CHIP, vol. 11, no. 13, 1 January 2011 (2011-01-01), page 2231, XP055010794, ISSN: 1473-0197, DOI: 10.1039/c0lc00641f -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2010011407 A2	28-01-2010	US 2011189719 A1 WO 2010011407 A2	04-08-2011 28-01-2010
