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- (72) Inventors; and
(71) Applicants : MIR, Kalim [GB/GB]; 2 Buckingham Street, Oxford OX1 4LH (GB). TEGENFELDT, Jonas [SE/SE]; Mantalskroken 5, S-226 47 Lund (SE). PERSSON, Fredrick [SE/SE]; Karlsrogatan 86D, S-752 39 Uppsala (SE). FRITZSCHE, Joachim [DE/SE]; Berghemsgatan 24, S-431 37 Moindal (SE).

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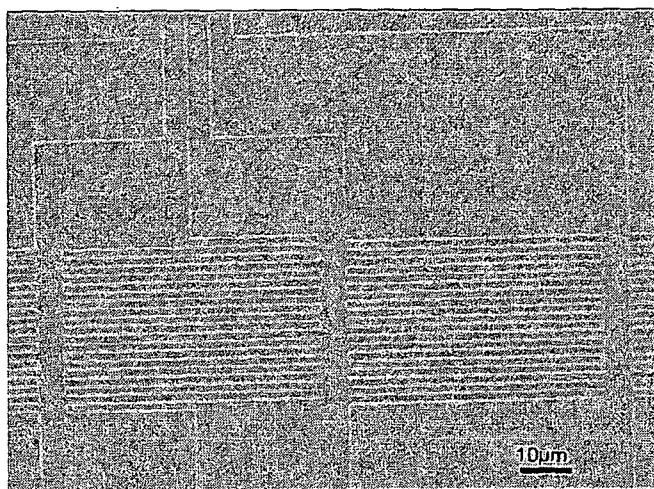
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(54) Title: EFFICIENT ULTRA-LONG DNA ANALYSIS IN COMPACT NANOFUIDIC CHANNELS

Figure 5.



(57) Abstract: The present application relates to nanochips, which can be used to visualise long molecules in a single field of view, and methods using the nanochips. These methods include mapping/barcoding and sequencing of DNA.

INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. B01L3/00 G01N33/487 G01N15/14
ADD.
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 B01L
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, WPI Data

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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2009/149362 A2 (BIONANOMATRIX INC [US]; CAO HAN [US]; AUSTIN MICHAEL D [US]; DESHPANDE) 10 December 2009 (2009-12-10) paragraph [0211] - paragraph [0215]; figures 1, 10, 11 paragraphs [0147], [0166], [0204]	1-31
X	WO 2010/042007 A1 (TEGENFELDT JONAS [SE]; REISNER WALTER [CA]; FLYVBJERG HENRIK [DK]) 15 April 2010 (2010-04-15) page 7, line 11 - page 8, line 28 page 11, line 14 - page 12, line 3	1-31
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Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents :

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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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, Fax: (+31-70) 340-3016	Authorized officer Liefrink, Feike
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INTERNATIONAL SEARCH REPORT

International application No
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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A	US 2009/115094 A1 (CHOU STEPHEN Y [US] ET AL) 7 May 2009 (2009-05-07) paragraph [0020] - paragraph [0030] -----	1-31

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Information on patent family members

International application No

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