



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2001/018183 A1 (BAO YIJIA [US] ET AL) 30 August 2001 (2001-08-30) * paragraphs [0133] - [0135]; table 1 * -----	1-15, 17-55, 60-62	INV. C12Q1/68
D,A	WO 99/57323 A (BAYLOR COLLEGE MEDICINE [US]) 11 November 1999 (1999-11-11) * claims 42-44; figures 1,2 * -----	10-12	
			TECHNICAL FIELDS SEARCHED (IPC)
			C12Q
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search Munich		Date of completion of the search 13 February 2007	Examiner Lanzrein, Markus
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			



CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1-15, 17-55, 60-62 (all partially)



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

Invention 1: claims 1-15, 17-55, 60-62 (all partially)

An array or a compilation or a library comprising a plurality of nucleic acid segments each associated with a chromosomal abnormality, a contiguous gene abnormality, a genetically linked disease or a syndrome, and wherein one of the said segments comprises locus 1p36 and the syndrome detected is 1p Deletion Syndrome.

Inventions 2-39: claims 1-15, 17-55, 60-62 (all partially)

An array or a compilation or a library comprising a plurality of nucleic acid segments each associated with a chromosomal abnormality, a contiguous gene abnormality, a genetically linked disease or a syndrome, and wherein one of the said segments comprises a locus as listed in claim 2 with the associated syndrome as listed in claim 2.

Invention 40: claims 16, 56-59 (completely), claims 1-15, 17-55, 60-62 (partially)

An array or a compilation or a library comprising a plurality of nucleic acid segments each associated with a chromosomal abnormality, a contiguous gene abnormality, a genetically linked disease or a syndrome, and wherein one of the said segments comprises all the loci listed in claim 2 with the associated syndromes as listed in claim 2.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 80 7317

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

13-02-2007

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2001018183 A1	30-08-2001	EP 1026260 A1	09-08-2000
		JP 2000232883 A	29-08-2000
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WO 9957323 A	11-11-1999	AU 770695 B2	26-02-2004
		AU 3786199 A	23-11-1999
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		US 6858713 B1	22-02-2005

专利名称(译)	核酸和阵列的汇编以及使用它们的方法		
公开(公告)号	EP1451318A4	公开(公告)日	2007-06-27
申请号	EP2002807317	申请日	2002-10-15
[标]申请(专利权)人(译)	谱基因组学		
申请(专利权)人(译)	SPECTRAL GENOMICS , INC		
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IPC分类号	C12Q1/68 G01N33/53 C07H21/00 C12M1/00 C12N15/09 C40B20/04 C40B30/04 C40B40/08 C40B60/10 G01N33/566 G01N37/00 C12N15/00 C07H21/04 C12N1/20		
CPC分类号	C40B40/08 C07H21/00 C40B20/04 C40B30/04 C40B60/10		
代理机构(译)	ATKINSON , JONATHAN DAVID MARK		
优先权	60/329030 2001-10-12 US		
其他公开文献	EP1451318A1		
外部链接	Espacenet		

摘要(译)

在一个方面，本发明提供了核酸的编组，制品，例如用于检测染色体异常的阵列和方法，例如染色体非整倍性，缺失，扩增等，以及与a相关的综合征的诊断或预后。连续基因异常。还提供套件。