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(54) Title: PROCESS FOR PRODUCING cDNA		
(57) Abstract <p>The process includes the steps of: a) contacting a liquid containing mRNA with an insoluble support having DNA probes attached thereto via the 5'-terminus thereof whereby the mRNA is hybridised to said probes and hence to said support; b) removing said liquid; and c) adding enzymes and nucleotides in solution whereby the probe functions as a primer to produce single stranded cDNA on the mRNA templates. The DNA probe is oligo-dT or a specific DNA sequence which may correspond to a conserved region in a class of mRNA molecules. The insoluble support may consist of magnetic particles which are monodisperse and/or superparamagnetic.</p>		

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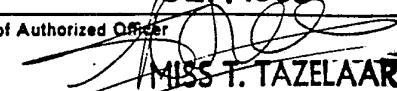
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INTERNATIONAL SEARCH REPORT

International Application No **PCT/EP 89/01418**

I. CLASSIFICATION OF SUBJECT MATTER (if several classification symbols apply, indicate all) ⁶		
According to International Patent Classification (IPC) or to both National Classification and IPC		
IPC ⁵ : C 12 P 19/34, C 12 Q 1/68, // C 12 N 15/13, C 07 H 21/04		
II. FIELDS SEARCHED		
Minimum Documentation Searched ⁷		
Classification System	Classification Symbols	
IPC ⁵	C 12 Q, G 01 N, C 12 N	
Documentation Searched other than Minimum Documentation to the Extent that such Documents are Included in the Fields Searched ⁸		
III. DOCUMENTS CONSIDERED TO BE RELEVANT ⁹		
Category ⁹	Citation of Document, ¹¹ with indication, where appropriate, of the relevant passages ¹²	Relevant to Claim No. ¹³
X	Nucleic Acids Research, volume 16, no. 13, 11 July 1988, IRL Press, (Oxford, GB), T. Atkinson et al.: "A convenient procedure for the synthesis of oligodeoxyribonucleotide affinity columns for the isolation of mRNA", page 6232 see the whole article	1,3
Y	--	2-12
Y	Nucleic Acids Research, volume 15, no. 13, 10 July 1987, IRL press, (Oxford, GB), T.R. Gingeras et al.: "Hybridization properties of immobilized nucleic acids", pages 5373-5389 see "Introduction; "Materials and methods"	1,5,8
Y	--	
Y	WO, A, 85/04674 (LIFE TECHNOLOGIES) 24 October 1985 see abstract; claims 1,16 --	2
	./.	
<p>⁹ Special categories of cited documents: ¹⁰</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step</p> <p>"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.</p> <p>"A" document member of the same patent family</p>		
IV. CERTIFICATION		
Date of the Actual Completion of the International Search	Date of Mailing of this International Search Report	
29th August 1990	14 SEP. 1990	
International Searching Authority	Signature of Authorized Officer	
EUROPEAN PATENT OFFICE	 MISS T. TAZELAAR	

III. DOCUMENTS CONSIDERED TO BE RELEVANT (CONTINUED FROM THE SECOND SHEET)		
Category *	Citation of Document, ¹¹ with indication, where appropriate, of the relevant passages	Relevant to Claim No.
Y	EP, A, 0288737 (MILES INC.) 2 November 1988 see pages 4-6, especially page 5, column 8 --	6,7
Y	EP, A, 0265244 (AMOCO CORP.) 27 April 1988 see abstract; page 7, lines 18-63 --	6,7
Y	EP, A, 0184056 (MOLECULAR DIAGNOSTICS INC.) 11 June 1986 see the whole document --	1-8
Y	EP, A, 0223618 (NEW YORK MEDICAL COLLEGE) 27 May 1987 see page 8, column 14, section 5.4.2: "Site-specific mutagenesis" --	1-8
Y	Cell, volume 21, October 1980, MIT, C.R. Zimmermann et al.: "Molecular cloning and selection of genes regulated in aspergillus development", pages 709-715 see the whole article --	9-12
Y	WO, A, 88/07585 (GENELABS INC.) 6 October 1988 see the whole document --	1-9
Y	Nature, volume 308, 8 March 1984, S.M. Hedrick et al.: "Isolation of cDNA clones encoding T cell-specific membrane-associated proteins", pages 149-153 see the whole article -----	9-12

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

EP 8901418

SA 32920

This annex lists the patent family members relating to the patent documents cited in the above-mentioned international search report. The members are as contained in the European Patent Office EDP file on 11/09/90. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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