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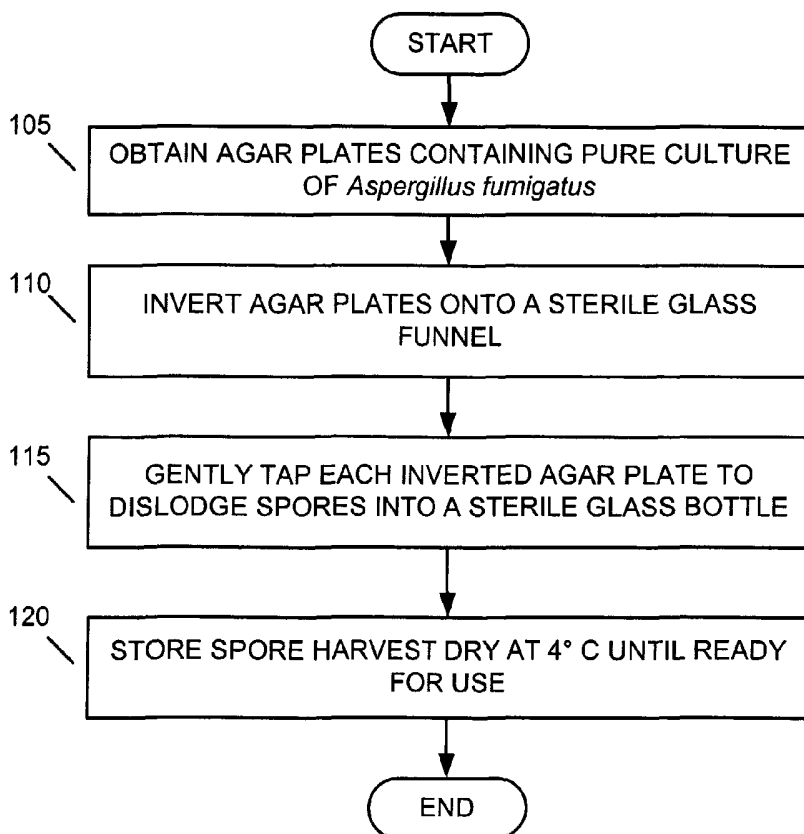
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- (71) Applicant: UNIVERSITY OF NEVADA - LAS VEGAS [US/US]; 4505 Maryland Parkway, Las Vegas, NV 89154 (US).
- (72) Inventors: CRUZ-PEREZ, Patricia; 3900 E. Sunset Road #1007, Las Vegas, NV 89120 (US). BUTTNER, Mark, P.; 540 W. Horizon Ridge Pkwy. #5502, Henderson, NV 89012 (US).
- (74) Agent: PHILLIPS, Rob, L.; Quirk & Tratos, 3773 Howard Hughes Pkwy., Suite 500 N, Las Vegas, NV 89109 (US).
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[Continued on next page]

(54) Title: METHOD FOR DETECTION AND QUANTIFICATION OF THE FUNGUS ASPERGILLUS FUMIGATUS USING QUANTITATIVE PCR



(57) Abstract: A method for detecting the fungus *Aspergillus fumigatus* includes isolating DNA from a sample suspected of containing the fungus *Aspergillus fumigatus*. The method further includes subjecting the DNA to polymerase chain reaction amplification utilizing at least one primer. The at least one primer includes one of a 5'CGCGTC-CGGTCCTCG3' and 5'TTA-GAAAAATAAAGTTGGGT-GTCGG3' base sequence. The method also includes detecting the fungus *Aspergillus fumigatus* by visualizing the product of the polymerase chain reaction.

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According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
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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 practical, search terms used) EPO-Internal, WPI Data, PAJ, MEDLINE, BIOSIS, EMBASE, CHEM ABS Data, SEQUENCE SEARCH		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	WO 00 73499 A (ROSSAU RUDI ;INNOGENETICS NV (BE); JANNES GEERT (BE); MAHER MAJELL) 7 December 2000 (2000-12-07) see whole doc. esp. claims (e.g. 16) --- -/--	1-10
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
° Special categories of cited documents:		
A document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *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) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed		*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 *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *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. *&* document member of the same patent family
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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, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Mueller, F

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 5 763 169 A (SANDHU GURPREET S ET AL) 9 June 1998 (1998-06-09) see whole doc. esp. claims and col.3,1.50 ff. -----	1-10

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Information on patent family members

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