

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
1 February 2001 (01.02.2001)

PCT

(10) International Publication Number
WO 01/07601 A3

(51) International Patent Classification⁷: **C12N 15/10**,
15/11, 15/53, 15/54, 15/82, 9/02, 9/10

(21) International Application Number: PCT/US00/20262

(22) International Filing Date: 21 July 2000 (21.07.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/359,302 21 July 1999 (21.07.1999) US

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

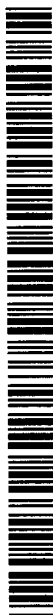
(88) Date of publication of the international search report:
30 August 2001

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR CONFERRING HERBICIDE, PEST, OR DISEASE RESISTANCE IN PLANT HOSTS

(57) Abstract: The present invention relates to a method for conferring herbicide, pest, and disease resistance in plant hosts. Specifically, the present invention employs transient viral expression vectors to express proteins or enzymes conferring resistance in plant hosts. In addition, expressing a library of nucleotide sequence variants in a sense or antisense orientation in a plant host may be used to determine the targets of a herbicide or pathogen and to determine new herbicides or pathogens.

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/20262

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/10 C12N15/11 C12N15/53 C12N15/54 C12N15/82
C12N9/02 C12N9/10

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)

IPC 7 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 practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98 31837 A (DELCARDAYRE STEPHEN B ;MAXYGEN INC (US); MINSHULL JEREMY (US); NES) 23 July 1998 (1998-07-23) page 1 -page 4; claims 1,31-36 page 28 -page 30 ---	1,2,5-13
A	BAULCOMBE ET AL: "Fast forward genetics based on virus-induced gene silencing" CURRENT OPINION IN PLANT BIOLOGY,GB,QUADRANT SUBSCRIPTION SERVICES, vol. 2, no. 2, 1999, pages 109-113, XP002118432 ISSN: 1369-5266 the whole document ---	
A	WO 92 04449 A (MONSANTO CO) 19 March 1992 (1992-03-19) the whole document ---	
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

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- *&* document member of the same patent family

Date of the actual completion of the international search

21 February 2001

Date of mailing of the international search report

08/03/2001

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INTERNATIONAL SEARCH REPORT

In. ational Application No

PCT/US 00/20262

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document. with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	MISAWA N ET AL: "EXPRESSION OF AN ERWINIA PHYTOENE DESATURASE GENE NOT ONLY CONFERS MULTIPLE RESISTANCE TO HERBICIDES INTERFERING WITH CAROTENOID BIOSYNTHESIS BUT ALSO ALTERS XANTHOPHYLL METABOLISM IN TRANSGENIC PLANTS" PLANT JOURNAL,GB,BLACKWELL SCIENTIFIC PUBLICATIONS, OXFORD, vol. 6, no. 4, 1994, pages 481-489, XP002012919 ISSN: 0960-7412 cited in the application the whole document	
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P,X, L	WO 99 36516 A (FITZMAURICE WAYNE P ;HANLEY KATHLEEN M (US); LINDBO JOHN A (US); M) 22 July 1999 (1999-07-22) the document throws doubt on the priority of the application the whole document	1-13

INTERNATIONAL SEARCH REPORT

Information on patent family members

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