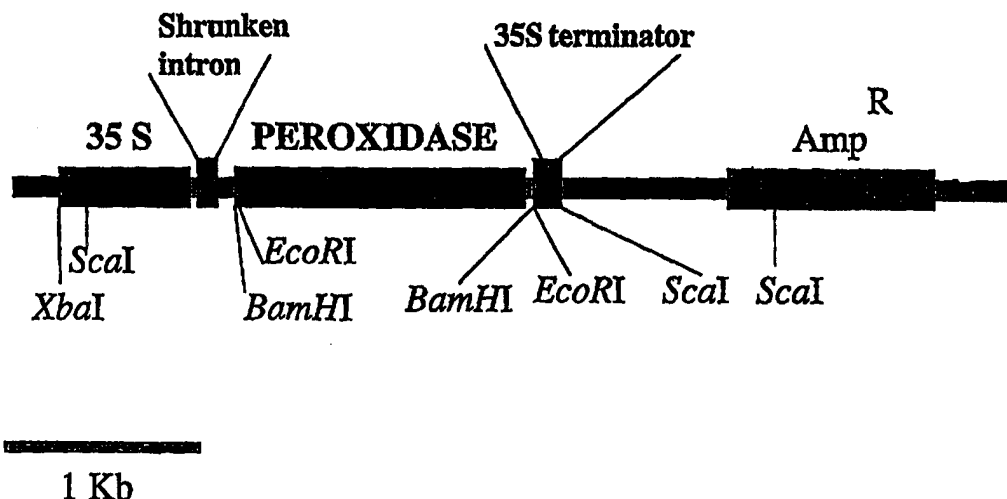




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<p>(21) International Application Number: PCT/EP97/07089 (22) International Filing Date: 17 December 1997 (17.12.97) (30) Priority Data: 08/770,097 19 December 1996 (19.12.96) US (71) Applicants (for all designated States except US): NOVARTIS AG [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH). OHIO STATE UNIVERSITY [US/US]; Research Foundation, 1960 Kenny Road, Columbus, OH 43210-1063 (US). U.S. DEPARTMENT OF AGRICULTURE [US/US]; Washington, DC 20250-0101 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): PRIVALLE, Laura, Stein [US/US]; 3101 Wild Meadow Drive, Durham, NC 27705 (US). LAGRIMINI, Lawrence, Mark [US/US]; 4825 Wallington Drive, Hilliard, OH 43026 (US). DOWD, Patrick, Francis [US/US]; 2311 Manito Court, Peoria, IL 61614 (US). ESTRUCH, Juan, Jose [ES/US]; 2911 E. Bainbridge Drive, Durham, NC 27713 (US). (74) Agent: ROTH, Bernhard, M.; Novartis AG, Patent- und Markenabteilung, Lichtstrasse 35, CH-4002 Basel (CH).</p>	<p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p>Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments. With an indication in relation to a deposited microorganism furnished under Rule 13^{bis} separately from the description. Date of receipt by the International Bureau: 18 March 1998 (18.03.98)</i></p> <p>(88) Date of publication of the international search report: 30 July 1998 (30.07.98)</p>	

(54) Title: METHODS FOR CONFERRING INSECT RESISTANCE TO A MONOCOT USING A PEROXIDASE CODING SEQUENCE



(57) Abstract

The present invention relates, in general, to methods and compositions for controlling insects in monocotyledonous plants (monocots), particularly maize. More precisely, the present invention relates to (1) a method for controlling insects comprising feeding or contacting an insect with an insecticidal amount of transgenic monocotyledonous plant cells comprising a recombinant DNA sequence comprising a coding sequence encoding peroxidase and (2) a fertile transgenic monocot plant comprising a recombinant DNA sequence comprising a coding sequence encoding peroxidase.

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INTERNATIONAL SEARCH REPORT

national Application No
PCT/EP 97/07089

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 C12N15/82 C12N5/10 A01H5/00

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 6 C12N A01H

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

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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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