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(74) Agent: **VOSSIUS & PARTNER**; Siebertstr. 4, 81675
Munich (DE).

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(71) Applicant (for all designated States except US): **MAX-
PLANCK-GESELLSCHAFT ZUR FÖRDERUNG
DER WISSENSCHAFTEN E.V.** [DE/DE]; Berlin (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SCHÜLER, Göde**
[DE/DE]; Rosellener Weg 29, 40547 Düsseldorf (DE).
BOLAND, Wilhelm [DE/DE]; Pappelweg 10, 76448
Durmshheim (DE). **LAUCHLI, Ryan** [US/DE]; Am
Herrenberge 11, 07745 Jenna (DE).

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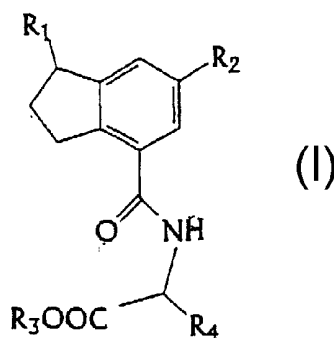
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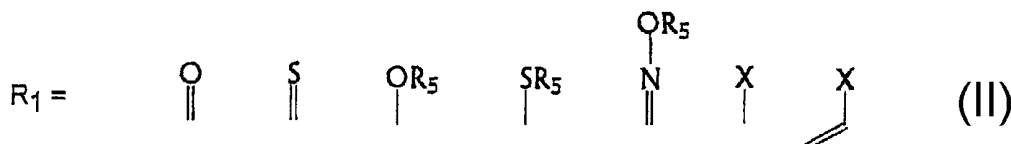
— with international search report

[Continued on next page]

(54) Title: 6-SUBSTITUTED INDANOYL AMINO ACID CONJUGATES AS MIMICS TO THE BIOLOGICAL ACTIVITY OF
CORONATINE



(I)



(57) Abstract: Described are 6-substituted indanoyl amino acid conjugates of the chemical Formula (I) wherein $R_1 =$ (II), R_2 R_3 have the meanings given in the description, and X = a halogen atom; as potent plant elicitors and efficient mimics of the phytotoxin coronatine. Also, processes for producing the improved elicitors are provided, which allow a rapid and convenient access to large quantities of the highly active compounds. Furthermore, there are compositions and plant protecting agents described, comprising as active ingredient a compound of the present invention. The plant protecting agents are useful for inducing resistance to pathogens in plants. The compositions may also be used to selectively induce senescence in fruit of plants.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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INTERNATIONAL SEARCH REPORT

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C A01N

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)

CHEM ABS Data, BEILSTEIN Data, WPI Data, PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	SHIRAISHI, K. ET AL.: "The Structure-Activity Relationships in Coronatine Analogs and Amino Compounds Derived from (+)-Coronafacic Acid" AGRICULTURAL AND BIOLOGICAL CHEMISTRY, vol. 43, no. 8, 1979, pages 1753-1757, XP001087666 examples 8-12	1-22
Y	SCHÜLER, G. ET AL.: "Synthesis of 6-Azido-1-oxo-4-oyl Isoleucine; a Photoaffinity Approach to Plant Signaling" TETRAHEDRON, vol. 55, no. 13, 1999, pages 3897-3904, XP001084013 example 2	1-22

☒ Further documents are listed in the continuation of box C.☐ Patent family members are listed in annex.

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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

Janus, S

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	SCHÜLER, G. ET AL.: "6-Substituted Indanoyl Isoleucine Conjugates Mimic the Biological Activity of Coronatine" EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, no. 9, 2001, pages 1663-1668, XP001084014 the whole document -----	1-22