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(54) **Title:** USE OF TETRACYANODITHIINES AS FUNGICIDES

(57) **Abstract:** The present invention relates to the use of 2,3,5,6-tetracyano-[1,4]dithiine and the N-oxides and the salts thereof for combating phytopathogenic fungi on cultivated plants, and to seeds coated with 2,3,5,6-tetracyano-[1,4]dithiine. The invention also relates to methods for combating harmful fungi, comprising treating the plants or seeds to be protected against fungal attack.



INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2012/061473

A. CLASSIFICATION OF SUBJECT MATTER

INV. A01N43/32 C07D339/08 A01P3/00
ADD.

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)

A01N C07D

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 practicable, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 265 565 A (FRAZZA EVERETT J ET AL) 9 August 1966 (1966-08-09) cited in the application	1-4,9-11
Y	column 1, lines 11-36 column 3, line 59 - column 4, line 16; table I	5-8
Y,P	----- WO 2011/128301 A1 (BAYER CROPSCIENCE AG [DE]; SEITZ THOMAS [DE]; BENTING JUERGEN [DE]; WA) 20 October 2011 (2011-10-20) page 1, lines 17-28 page 3, lines 23-26 page 8, lines 19-25 page 10, lines 29-35 page 11, lines 9-31 page 24, line 16 - page 26, line 28 Table 1: compounds 5 and 24 ----- -/-	5-8



Further documents are listed in the continuation of Box C.



See patent family annex.

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"E" earlier application or patent but published on or after the international filing date

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"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

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"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

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INTERNATIONAL SEARCH REPORT

International application No
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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.
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Y	WO 2011/029551 A2 (BAYER CROPSCIENCE AG [DE]; SEITZ THOMAS [DE]; WACHENDORFF-NEUMANN ULRI) 17 March 2011 (2011-03-17) page 1, paragraph 4 page 2, lines 6-27 page 19, lines 13-28 page 31, line 17 - page 34, line 7 -----	5-8

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2012/061473

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