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— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
— *of inventorship (Rule 4.17(iv))*

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

(88) Date of publication of the international search report:
23 July 2020 (23.07.2020)

(54) Title: METHOD TO CONTROL *SCLEROTINIA SPP.* IN OILSEED RAPE OR CANOLA BY COMPOSITIONS COMPRISING MEFENTRIFLUCONAZOLE

(57) Abstract: The present invention relates to a method for controlling a phythopatogenic fungi selected from *Sclerotinia spp.*, especially *Sclerotinia sclerotiorum*, on oilseed rape, comprising treating the plants, their seed or the soil with a fungicidally effective amount of the composition comprising mefentrifluconazole and a further active compound (II) selected from boscalid, dimoxystrobin, fenpropimorph, fluxapyroxad, inpyrfluxam, isoflucypram, kresoxym-methyl, metyltetraprole, quinofumelin, pyraclostrobin, 1-(4,5-dimethylbenzimidazol-1-yl)-4,4,6-trifluoro-3,3-dimethyl- isoquinoline, 6-chloro-1-(4,5-dimethylbenzimidazol-1-yl)-4,4-difluoro-3,3-dimethyl-isoquinoline, -(4,5-dimethylbenzimidazol-1-yl)-4,4-difluoro-3,3-dimethyl-isoquinoline, 4,4-difluoro-3,3- dimethyl-1-(4-methylbenzimidazol-1-yl)isoquinoline, 1-(6-chloro-7-methyl-pyrazolo[1,5-a]pyridin- 3-yl)-4,4-difluoro-3,3-dimethyl-isoquinoline, 4,4-difluoro-1-(6-fluoro-7-methyl-pyrazolo[1,5-1 a]pyridin-3-yl)-3,3-dimethyl-isoquinoline, 4,4-difluoro-3,3-dimethyl-1-(6-methylpyrazolo[1,5- a]pyridin-3-yl)isoquinoline, 1-(6,7-dimethylpyrazolo[1,5-a]pyridin-3-yl)-4,4-difluoro-3,3-dimethyl- isoquinoline and 1-(7,8-dimethylimidazo[1,2-a]pyridin-3-yl)-4,4-difluoro-3,3-dimethyl-isoquinoline.

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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. A01N43/653 A01N37/50 A01N43/40 A01N43/42 A01N43/52
A01N43/56 A01N43/713 A01N43/84 A01N43/90 A01N47/24
A01P3/00

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)
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 practicable, search terms used)
EPO-Internal, BIOSIS, CHEM ABS Data, EMBASE, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2018/105663 A1 (KUREHA CORP [JP]) 14 June 2018 (2018-06-14) claims paragraph [0113]; example 33 paragraph [0045] abstract	1-9

X	CN 108 541 711 A (FOSHAN RUISHENGTONG TECH CO LTD) 18 September 2018 (2018-09-18)	1-9
Y	claim 9 abstract	1-9

X	WO 2018/077711 A2 (BAYER CROPSCIENCE AG [DE]) 3 May 2018 (2018-05-03)	1-9
Y	claims claim 10	1-9

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family 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 application or patent 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

Date of the actual completion of the international search	Date of mailing of the international search report
29 January 2020	24/06/2020

Name and mailing address of the ISA/	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Galley, Carl

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Form PCT/ISA/210 (second sheet) (April 2005)

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2019/083329

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2014/095994 A1 (BASF SE [DE]) 26 June 2014 (2014-06-26) cited in the application	1-9
Y	compounds I-3 claims paragraph [0283] paragraph [0272] claim 29 paragraphs [0436] - [0438]	1-9

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International application No.
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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-9(partially)

Remark on Protest

☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.

☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.

☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-9(partially)

A method for controlling a phythopathogenic fungi selected from Sclerotinia spp. in oilseed rape or canola comprising treating the plants, their seed or the soil with a fungicidally effective amount of a composition comprising
I) mefentrifluconazole or the agriculturally acceptable salts thereof as compound (I)
II) at least one compound (II) selected from the group comprising:II-1) boscalid, II-2) dimoxystrobin, II-4) fluxapyroxad, II-5) inpyrfluxam, II-6) isoflucypram, II-7) kresoxym-methyl, and II-10) pyraclostrobin.

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2. claims: 1-9(partially)

A method for controlling a phythopathogenic fungi selected from Sclerotinia spp. in oilseed rape or canola comprising treating the plants, their seed or the soil with a fungicidally effective amount of a composition comprising
I) mefentrifluconazole or the agriculturally acceptable salts thereof as compound (I)
II) at least one compound (II) selected from the group comprising: II-3) fenpropimorph.

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3. claims: 1-9(partially)

A method for controlling a phythopathogenic fungi selected from Sclerotinia spp. in oilseed rape or canola comprising treating the plants, their seed or the soil with a fungicidally effective amount of a composition comprising
I) mefentrifluconazole or the agriculturally acceptable salts thereof as compound (I)
II) at least one compound (II) selected from the group comprising: II-8) metyltetraprole, II-9) quinofumelin, and one of the compounds II-11 to II-19

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/EP2019/083329

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2018105663 A1	14-06-2018	NONE	
CN 108541711 A	18-09-2018	NONE	
WO 2018077711 A2	03-05-2018	AU 2017351474 A1	18-04-2019
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		ZA 201505152 B	29-11-2017