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(54) Title: FUNGICIDAL COMPOSITIONS

(57) Abstract: A composition for control of diseases on useful plants or on propagation material thereof caused by phytopathogens, that, in addition to customary inert formulation adjuvants, comprises as active ingredient a mixture of component (A) and a synergistically effective amount of component (B), wherein component (A) is Cyprodinil; and component (B) a compound selected from compounds known for their fungicidal activity, is particularly effective in controlling or preventing fungal diseases of useful plants.



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## INTERNATIONAL SEARCH REPORT

International application No  
PCT/EP2006/009403

## A. CLASSIFICATION OF SUBJECT MATTER

INV.	A01N43/54	A01N47/44	A01N47/12	A01N47/04	A01N43/90
	A01N43/78	A01N43/76	A01N43/653	A01N43/40	A01N43/32
	A01N41/06	A01N37/52	A01N37/34	A01N35/04	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 practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data, CAB Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/55160 A (RHONE POULENC AGROCHIMIE [FR]; DUVERT PATRICE [FR]; GILLET ANDRE [FR]) 4 November 1999 (1999-11-04) page 1, lines 3-6,23-32 page 3, lines 4-13 page 9, line 1 - page 10, line 10 page 10, line 19 - page 11, line 8 page 11, line 28 - page 12, line 9	1-10
X	DATABASE CAB [Online] CAB INTERNATIONAL, WALLINGFORD, OXON, GB; A.M.ALVAREZ ET AL.: "Behaviour of new active ingredients in control of apple scab (Venturia inaequalis) in a mixed system based on timing and conditions" XP002477853 retrieved from STN-INTERNATIONAL Database accession no. 2003:154999 abstract -/--	1-6,8

 Further documents are listed in the continuation of Box C. 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 document 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.
- \*G\* document member of the same patent family

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## INTERNATIONAL SEARCH REPORT

International application No

PCT/EP2006/009403

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	& REVISTA FRUTICOLA, vol. 23, no. 3, 2002, pages 97-100, ----- DATABASE.CA [Online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; XP002477854 retrieved from STN-INTERNATIONAL Database accession no. 122:99313 abstract & JP 06 293608 A (KUMIAI) 21 October 1994 (1994-10-21) -----	1-10
A	EP 0 548 025 A (CIBA GEIGY AG [CH]) 23 June 1993 (1993-06-23) page 2, lines 1-37 page 3, line 17 - page 4, line 20 examples 1-4 -----	1-10
A	WO 01/84931 A (BAYER AG [DE]; MAULER MACHNIK ASTRID [DE]; WACHENDORFF NEUMANN ULRIKE) 15 November 2001 (2001-11-15) page 1, lines 20-24 page 7, lines 2-5 page 32, line 2 - page 34, line 19 examples 1,4 table 6.10 -----	1-10
A	WO 2005/077182 A (BAYER CROPSCIENCE SA [FR]; GOUOT JEAN-MARIE [FR]; GROSJEAN-COURNOYER M) 25 August 2005 (2005-08-25) page 1, line 16 - page 2, line 9 page 3, line 25 - line 29 page 6, line 15 - line 19 page 8, line 20 - page 10, line 24 example 1 -----	1-10

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/EP2006/009403

## 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 allsearchable 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.:

1-10 (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: 1-10 (in part)

A composition for control of diseases on useful plants or on propagation material thereof caused by phytopathogens, that, in addition to customary inert formulation adjuvants, comprises as active ingredient a mixture of component (A) and a synergistically effective amount of component (B), wherein component (A) is Cyprodinil; and component (B) is Dodine;  
compositions and methods as described in claims 4-10 (in part).

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2. claims: 1, 4-10 (in part)

A composition for control of diseases on useful plants or on propagation material thereof caused by phytopathogens, that, in addition to customary inert formulation adjuvants, comprises as active ingredient a mixture of component (A) and a synergistically effective amount of component (B), wherein component (A) is Cyprodinil; and component (B) is Chlorothalonil;  
compositions and methods as described in claims 4-10 (in part).

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3. claims: 1, 4-10 (in part)

A composition for control of diseases on useful plants or on propagation material thereof caused by phytopathogens, that, in addition to customary inert formulation adjuvants, comprises as active ingredient a mixture of component (A) and a synergistically effective amount of component (B), wherein component (A) is Cyprodinil; and component (B) is Folpet;  
compositions and methods as described in claims 4-10 (in part).

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4. claims: 1, 4-10 (in part)

A composition for control of diseases on useful plants or on propagation material thereof caused by phytopathogens, that, in addition to customary inert formulation adjuvants, comprises as active ingredient a mixture of component (A) and a synergistically effective amount of component (B), wherein component (A) is Cyprodinil; and component (B) is Prothioconazole;  
compositions and methods as described in claims 4-10 (in part).

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## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

## 5. claims: 1-10 (in part)

A composition for control of diseases on useful plants or on propagation material thereof caused by phytopathogens, that, in addition to customary inert formulation adjuvants, comprises as active ingredient a mixture of component (A) and a synergistically effective amount of component (B), wherein component (A) is Cyprodinil; and component (B) is Boscalid; compositions and methods as described in claims 4-10 (in part).

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## 6. claims: 1, 2, 4-10 (in part)

A composition for control of diseases on useful plants or on propagation material thereof caused by phytopathogens, that, in addition to customary inert formulation adjuvants, comprises as active ingredient a mixture of component (A) and a synergistically effective amount of component (B), wherein component (A) is Cyprodinil; and component (B) is Proquinazid; compositions and methods as described in claims 4-10 (in part).

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## 7. claims: 1, 4-10 (in part)

A composition for control of diseases on useful plants or on propagation material thereof caused by phytopathogens, that, in addition to customary inert formulation adjuvants, comprises as active ingredient a mixture of component (A) and a synergistically effective amount of component (B), wherein component (A) is Cyprodinil; and component (B) is Dithianon; compositions and methods as described in claims 4-10 (in part).

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## 8. claims: 1-10 (in part)

A composition for control of diseases on useful plants or on propagation material thereof caused by phytopathogens, that, in addition to customary inert formulation adjuvants, comprises as active ingredient a mixture of component (A) and a synergistically effective amount of component (B), wherein component (A) is Cyprodinil; and component (B) is Fluazinam; compositions and methods as described in claims 4-10 (in part).

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## 9. claims: 1, 2, 4-10 (in part)

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

A composition for control of diseases on useful plants or on propagation material thereof caused by phytopathogens; that, in addition to customary inert formulation adjuvants, comprises as active ingredient a mixture of component (A) and a synergistically effective amount of component (B), wherein component (A) is Cyprodinil; and component (B) is Ipconazole;  
compositions and methods as described in claims 4-10 (in part).

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## 10. claims: 1, 4-10 (in part)

A composition for control of diseases on useful plants or on propagation material thereof caused by phytopathogens, that, in addition to customary inert formulation adjuvants, comprises as active ingredient a mixture of component (A) and a synergistically effective amount of component (B), wherein component (A) is Cyprodinil; and component (B) is Metrafenone;  
compositions and methods as described in claims 4-10 (in part).

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## 11. claims: 1, 4-10 (in part)

A composition for control of diseases on useful plants or on propagation material thereof caused by phytopathogens, that, in addition to customary inert formulation adjuvants, comprises as active ingredient a mixture of component (A) and a synergistically effective amount of component (B), wherein component (A) is Cyprodinil; and component (B) is a compound of formula A-1;  
compositions and methods as described in claims 4-10 (in part).

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## 12. claims: 1-10 (in part)

A composition for control of diseases on useful plants or on propagation material thereof caused by phytopathogens, that, in addition to customary inert formulation adjuvants, comprises as active ingredient a mixture of component (A) and a synergistically effective amount of component (B), wherein component (A) is Cyprodinil; and component (B) is a compound of formula A-2;  
compositions and methods as described in claims 4-10 (in part).

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## 13. claims: 1, 2, 4-10 (in part)

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

A composition for control of diseases on useful plants or on propagation material thereof caused by phytopathogens, that, in addition to customary inert formulation adjuvants, comprises as active ingredient a mixture of component (A) and a synergistically effective amount of component (B), wherein component (A) is Cyprodinil; and component (B) is a compound of formula A-3; compositions and methods as described in claims 4-10 (in part).

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## 14. claims: 1, 2, 4-10 (in part)

A composition for control of diseases on useful plants or on propagation material thereof caused by phytopathogens, that, in addition to customary inert formulation adjuvants, comprises as active ingredient a mixture of component (A) and a synergistically effective amount of component (B), wherein component (A) is Cyprodinil; and component (B) is a compound of formula A-4; compositions and methods as described in claims 4-10 (in part).

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## 15. claims: 1, 4-10 (in part)

A composition for control of diseases on useful plants or on propagation material thereof caused by phytopathogens, that, in addition to customary inert formulation adjuvants, comprises as active ingredient a mixture of component (A) and a synergistically effective amount of component (B), wherein component (A) is Cyprodinil; and component (B) is a compound of formula A-5; compositions and methods as described in claims 4-10 (in part).

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## 16. claims: 1, 2, 4-10 (in part)

A composition for control of diseases on useful plants or on propagation material thereof caused by phytopathogens, that, in addition to customary inert formulation adjuvants, comprises as active ingredient a mixture of component (A) and a synergistically effective amount of component (B), wherein component (A) is Cyprodinil; and component (B) is a compound of formula A-6; compositions and methods as described in claims 4-10 (in part).

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2006/009403

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International application No

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