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(54) Title: FUNGICIDAL MIXTURES COMPRISING AMETOCTRADIN AND A TETRAZOLOXIME DERIVATIVE

(57) Abstract: The present invention relates to synergistic fungicidal mixtures comprising ametoctradin and at least one derivative of tetrazoloxime and to method for controlling phytopathogenic fungi or for improving plant health using said mixture



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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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

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2009/090181 A2 (BAYER CROPSOURCE SA [FR]; COQUERON PIERRE-YVES [FR]; GROSJEAN-COURNOY) 23 July 2009 (2009-07-23) cited in the application page 2 - page 3; compound A page 8 - page 11; compound B page 10, line 33 page 19, line 26 - page 20, line 9 page 21, line 4 - line 7 ----- -/--	1-11



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See patent family annex.

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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.
X	US 2008/234295 A1 (BECK CHRISTINE [DE] ET AL) 25 September 2008 (2008-09-25) cited in the application page 1, paragraphs 1, 13-45 - page 2; compounds I, II mixtures 38-40, 50-56, 62-64, 71-72, 171-188, 266-269; page 17 - page 22; table B page 13, paragraphs 331, 335-336 -----	7

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2011/056096

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2009090181	A2	23-07-2009	
		AU 2009204855 A1	23-07-2009
		CA 2710178 A1	23-07-2009
		CN 101977501 A	16-02-2011
		CO 6300907 A2	21-07-2011
		EP 2234489 A2	06-10-2010
		JP 2011509971 A	31-03-2011
		KR 20100105883 A	30-09-2010
		US 2011052555 A1	03-03-2011

US 2008234295	A1	25-09-2008	
		AR 055588 A1	29-08-2007
		AU 2006274070 A1	01-02-2007
		CA 2616199 A1	01-02-2007
		CN 101232814 A	30-07-2008
		EA 200800204 A1	29-08-2008
		EC SP088163 A	30-05-2008
		EP 1909579 A1	16-04-2008
		WO 2007012598 A1	01-02-2007
		GT 200600333 A	09-03-2007
		JP 2009502860 A	29-01-2009
		KR 20080032633 A	15-04-2008
		MA 29756 B1	01-09-2008
		NZ 565652 A	24-12-2009
		PE 04762007 A1	10-05-2007
		PE 04442010 A1	19-06-2010
		RS P20080029 A	15-07-2009
		UY 29699 A1	28-02-2007
		ZA 200801768 A	26-08-2009
