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(54) Title: COMPOSITIONS AND METHODS FOR CONTROLLING FUNGAL DISEASES

(57) Abstract: The present invention relates to compositions and methods for controlling fungal infestation of plants and crops. In particular, the present invention provides vectors comprising sequences designed to control fungal plant diseases by RNA interference (RNAi) and transgenic plants transformed with such vectors.

WO 2006/101854 A3

INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER

IPC: **A01H 5/00**(2006.01);**A01H 5/02**(2006.01);**A01H 5/04**(2006.01);**A01H 5/06**(2006.01);**A01H 5/10**(2006.01);**A01H 5/12**(2006.01);**C12N 15/82**(2006.01);**C12N 15/63**(2006.01);**C12N 15/52**(2006.01);**C12N 15/62**(2006.01);**C12N 5/04**(2006.01)

USPC: 800/285,287,278,320.2;435/468,419,320.1;536/23.2,24.1,24.5

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)
U.S. : 800/285,287,278,320.2; 435/468,419,320.1; 536/23.2,24.1,24.5

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)
WEST, STN, PUBMED

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	TENLLADO. F., Llave. C., Diaz-Ruiz. J.R. RNA Interference as a New Biotechnological Tool for the Control of Virus Diseases in Plants	1-44
Y	WO 2005/079236 A2 (KYLE et al) 01 September 2005 (01.09.2005), paragraphs 6 and 7.	1-44
Y	XIONG. L., Yang. Y. Disease Resistance and Abiotic Stress Tolerance in Rice Are Inversely Modulated by an Abscisic Acid-Inducible Mitogen-Activated Protein Kinase	4, 35

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