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- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: PLANT TRANSCRIPTIONAL REGULATORS OF DISEASE RESISTANCE

(57) Abstract: The invention relates to plant transcription factor polypeptides, polynucleotides that encode them, homologs from a variety of plant species, and methods of using the polynucleotides and polypeptides to produce transgenic plants having increased disease resistance or tolerance compared to a control plant. Sequence information related to these polynucleotides and polypeptides can also be used in bioinformatic search methods to identify related sequences and is also disclosed.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/17768

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A01H 1/00,5/00/5/10; C12N 15/82
 US CL : 800/279,301

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. : 800/279,301

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)
 Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GUTTERSON, N. et al, Regulation of disease resistance pathways by AP2/ERF transcription factors. Current Opinion In Plant BIology 2004, Vol. 7, pages 465-471, see especially page 467.	1-24
A	XUE, G. et al, HvDRF1 is involed in abscisic acid-mediated gene regulation in barley and produces two forms of AP2 transcriptional activators, interacting preferably with a CT-rich element. The Plant Journal 2004, Vol. 37, pages, 326-339, see especially page 326.	1-24
A	CHEN, J. et al, An AP2/EREBP-type transcription-factor gene from rice is cold-inducible and encodes a nuclear-localized protein. Theoretical and Applied Genetics 2003, Vol. 107, pages 972-979, see especially page 972.	1-24

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	"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
"E"	earlier application or patent published on or after the international filing date	"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
"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)	"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
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

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04 April 2005 (04.04.2005)

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Continuation of B. FIELDS SEARCHED Item 3:
EAST(USPAT,US-PGPUB,EPO,JPO,DERWENT), STN(AGRICOLA,BIOSIS,CAPLUS,EMBASE)
SEARCH OF SEQ ID NO: 55