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(54) Title: NOVEL BACTERIA AND USES THEREOF

(57) Abstract: The present invention relates to a novel bacterium *Yersinia entomophaga* MH96 as deposited at DSMZ on 4 May 2006 and designated accession no. DSM 18238. The present invention also relates to substances obtained or derived from *Yersinia entomophaga* MH96, which retain biopesticide activity. Methods for protecting a plant from pest infestation which include applying to the plant or its environment an effective amount of *Yersinia entomophaga* MH96 or a product delivered from the bacterium are also described.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER		
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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)		
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)		
MEDLINE, CAPLUS, WPIDS (yersinia, entomophaga, bacid,pesticid, insecticid)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Bresolin et al, Molecular Microbiology, (2006 Jan) Vol. 59, No. 2, pp. 503-12. "Low temperature-induced insecticidal activity of <i>Yersinia enterocolitica</i> ." (Whole document)	1-53
A	Tennant et al, Infection and Immunity, (2005 Oct) Vol. 73, No. 10, pp. 6860-7. "Homologues of insecticidal toxin complex genes in <i>Yersinia enterocolitica</i> biotype 1A and their contribution to virulence." (Whole document)	1-53
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input type="checkbox"/> See patent family annex		
* Special categories of cited documents:	"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	
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"E" earlier application or patent but published on or after the international filing date	"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	
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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.
PA	Erickson et al, Cellular Microbiology, (2007 Nov) Vol. 9, No. 11, pp. 2658-66. "Acute oral toxicity of <i>Yersinia pseudotuberculosis</i> to fleas: implications for the evolution of vector-borne transmission of plague." (Whole document)	1-53
PA	Pinheiro et al, Cellular Microbiology, (2007 Oct) Vol. 9; No. 10, pp. 2372-80. "Expression and insecticidal activity of <i>Yersinia pseudotuberculosis</i> and <i>Phototrhobdus luminescens</i> toxin complex proteins." (Whole document)	1-53
A	WO 2005/073726 A2 (ATHENIX CORPORATION) 11 August 2005 (Whole document)	1-53