

Title (en)  
POLYNUCLEOTIDE AND ENCODED PROTEIN USEFUL IN CONTROLLING OF MELOLONTHA SP. SCARABS

Title (de)  
POLYNUKLEOTID UND DIE DURCH DIESES KODIERTE PROTEIN, GEEIGNET ZUR BEKÄMPFUNG VON MELOLONTHA SP. KÄFERN

Title (fr)  
POLYNUCLEOTIDE ET PROTEINE CODEE PAR CELUI-CI UTILES DANS LE CONTROLE DES SCARABES DE GENRE MELOLONTHA SP.

Publication  
**EP 0856057 A2 19980805 (DE)**

Application  
**EP 96945813 A 19961017**

Priority  
• DE 9601979 W 19961017  
• DE 19540223 A 19951018

Abstract (en)  
[origin: DE19642729A1] New isolated polynucleotide encoding a protein that is identical or related to the naturally occurring *Bacillus popillae* crystal protein has a 2121 bp DNA sequence (I; given in the specification). Also claimed are: (1) a recombinant DNA vector containing (I); (2) a transformed host cell containing (I); (3) genetically transformed host cells containing the (I) stably integrated into their genome; and (4) the isolated protein encoded by (I).

IPC 1-7  
**C12N 15/31**; C07K 14/32; A01N 63/00; C12P 1/04; C12N 1/21

IPC 8 full level  
**A01H 5/00** (2006.01); **A01N 63/02** (2006.01); **C07K 14/32** (2006.01); **C07K 14/325** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 15/00** (2006.01); **C12N 15/09** (2006.01); **C12N 15/32** (2006.01); **C12N 15/82** (2006.01); **C12P 21/02** (2006.01); **C12R 1/07** (2006.01)

CPC (source: EP US)  
**C07K 14/32** (2013.01 - EP US); **C07K 14/325** (2013.01 - EP US); **C12N 15/8286** (2013.01 - EP US); **C07K 2319/00** (2013.01 - EP US); **Y02A 40/146** (2017.12 - EP US); **Y10S 530/825** (2013.01 - EP US)

Citation (search report)  
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Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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**DE 19642729 A1 19970424**; **DE 19642729 C2 19990415**; AU 1716397 A 19970507; AU 708689 B2 19990812; CA 2235075 A1 19970424; EP 0856057 A2 19980805; JP H11513563 A 19991124; US 6204057 B1 20010320; WO 9714798 A2 19970424; WO 9714798 A3 19971023

DOCDB simple family (application)  
**DE 19642729 A 19961017**; AU 1716397 A 19961017; CA 2235075 A 19961017; DE 9601979 W 19961017; EP 96945813 A 19961017; JP 51542397 A 19961017; US 40882099 A 19990929