

Title (en)  
INSECTICIDAL PROTEIN TOXINS FROM \$I(PHOTORHABDUS)

Title (de)  
INSEKTIZIDE PROTEINTOXINE AUS PHOTORHABDUS

Title (fr)  
TOXINES PROTEINIQUES INSECTICIDES ISOLEES A PARTIR DE \$i(PHOTORHABDUS)

Publication  
**EP 0970185 A1 20000112 (EN)**

Application  
**EP 97922696 A 19970505**

Priority  
• US 9707657 W 19970505  
• US 70548496 A 19960829  
• US 74369996 A 19961106  
• US 9618003 W 19961106

Abstract (en)  
[origin: WO9808932A1] Proteins from the genus Photorhabdus are toxic to insects upon exposure. Photorhabdus luminescens (formerly Xenorhabdus luminescens) have been found in mammalian clinical samples and as a bacterial symbiont of entomopathogenic nematodes of genus Heterorhabditis. These protein toxins can be applied to, or genetically engineered into, insect larvae food and plants for insect control.

IPC 1-7  
**C12N 1/00**; **C12N 1/20**; **C12N 15/00**; **C12N 15/09**; **C12N 15/10**; **C12N 15/29**; **C12N 15/31**; **C12N 15/82**; **A01G 13/00**; **A01H 1/00**; **A01H 3/00**

IPC 8 full level  
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CPC (source: EP KR US)  
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