

Title (en)

APROTININ AND SYNERGISTIC COMBINATIONS THEREOF WITH LECTINS AS LARVICIDES AGAINST INSECT PESTS OF AGRONOMIC CROPS, HARVESTED MATERIAL THEREOF, AND PRODUCTS OBTAINED FROM THE HARVESTED MATERIAL.

Title (de)

APROTININ UND SYNERGISTISCHE KOMBINATIONEN DESSELBEN MIT LEKTINEN ALS LARVIZIDE GEGEN INSEKTENPLAGEN LANDWIRTSCHAFTLICHER PFLANZEN, ERNTEMATERIAL DAVON UND PRODUKTE DIE AUS DIESEM ERNTEMATERIAL ERHALTEN WERDEN.

Title (fr)

APROTININE ET COMBINAISONS SYNERGETIQUES DE LADITE SUBSTANCE AVEC DES LECTINES UTILISEES EN TANT QUE LARVICIDES CONTRE LES INSECTES PARASITES DES CULTURES AGRICOLES, MATERIAUX RECOLTES A PARTIR DESDITES CULTURES ET PRODUITS OBTENUS A PARTIR DESDITS MATERIAUX RECOLTES.

Publication

EP 0680258 A1 19951108 (EN)

Application

EP 94909462 A 19940114

Priority

- US 792493 A 19930125
- US 9400630 W 19940114

Abstract (en)

[origin: WO9416565A1] Aprotinin has been found to be larvicidal against a number of common insect pests of agricultural crops and stored grains, particularly in combination with an insecticidal or larvicidal lectin. In a preferred embodiment, plant resistance to these insects is produced by inserting into the cells of a plant a gene whose expression causes production of one or more of these proteinase inhibitors in combination with such a lectin, in larvicidal amounts.

IPC 1-7

A01N 63/00; C12N 15/82; C12N 1/21; C12N 5/14

IPC 8 full level

A01N 37/46 (2006.01); **A01N 63/50** (2020.01); **C07K 14/42** (2006.01); **C07K 14/81** (2006.01); **C12N 1/21** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP US)

A01N 37/46 (2013.01 - EP); **A01N 63/50** (2020.01 - EP US); **C07K 14/42** (2013.01 - EP); **C07K 14/8117** (2013.01 - EP); **C12N 15/8286** (2013.01 - EP US); **Y02A 40/146** (2017.12 - EP)

Citation (search report)

See references of WO 9416565A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9416565 A1 19940804; AU 6230194 A 19940815; BR 9405668 A 19951121; CA 2154576 A1 19940804; EP 0680258 A1 19951108; MX 9400634 A 19940831

DOCDB simple family (application)

US 9400630 W 19940114; AU 6230194 A 19940114; BR 9405668 A 19940114; CA 2154576 A 19940114; EP 94909462 A 19940114; MX 9400634 A 19940124