

Title (en)
PLANT PATHOGENIC DEFENCE INCREASE

Title (de)
STEIGERUNG DER PATHOGENABWEHR IN PFLANZEN

Title (fr)
AUGMENTATION DES DEFENSES ANTI-PATHOGENES DANS DES PLANTES

Publication
EP 1940229 A2 20080709 (DE)

Application
EP 06805760 A 20060919

Priority
• EP 2006009072 W 20060919
• DE 102005045174 A 20050921

Abstract (en)
[origin: US2009018019A1] A method of increasing the inherent defense mechanisms of plants by treating them with chloronicotinyls is disclosed. Chloronicotinyls produce, independently of their control of insects, effective protection of plants against damage from fungal, bacterial or viral pathogens. This defense against pathogens is obtained by the induction of PR proteins resulting from treatment with at least one chloronicotinyl.

IPC 8 full level
A01N 43/40 (2006.01); **A01N 47/40** (2006.01); **A01N 51/00** (2006.01)

CPC (source: EP KR US)
A01N 43/40 (2013.01 - EP US); **A01N 47/40** (2013.01 - EP KR US); **A01N 51/00** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2007033810A2

Designated contracting state (EPC)
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Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
US 2009018019 A1 20090115; AU 2006294083 A1 20070329; BR PI0616376 A2 20110621; CA 2622979 A1 20070329; CN 101287368 A 20081015; DE 102005045174 A1 20070322; EP 1940229 A2 20080709; IL 190158 A0 20080807; JP 2009508897 A 20090305; KR 20080047476 A 20080528; WO 2007033810 A2 20070329; WO 2007033810 A3 20080515; ZA 200802516 B 20091028

DOCDB simple family (application)
US 6754506 A 20060919; AU 2006294083 A 20060919; BR PI0616376 A 20060919; CA 2622979 A 20060919; CN 200680034521 A 20060919; DE 102005045174 A 20050921; EP 06805760 A 20060919; EP 2006009072 W 20060919; IL 19015808 A 20080313; JP 2008531595 A 20060919; KR 20087009186 A 20080417; ZA 200802516 A 20080317