

Title (en)

PROMOTER INDUCTIBLE IN PLANTS, SEQUENCE INCORPORATING SAME AND RESULTING PRODUCT

Title (de)

IN PFLANZEN INDUZIERBER PROMOTOR, DIESER ENTHALTENDE SEQUENZ UND UND ERHALTENES PRODUKT

Title (fr)

PROMOTEUR INDUCTIBLE DANS LES PLANTES, SEQUENCE INCORPORANT CE PROMOTEUR ET PRODUIT OBTENU

Publication

EP 1053336 A1 20001122 (FR)

Application

EP 99903741 A 19990212

Priority

- FR 9900315 W 19990212
- FR 9801741 A 19980213

Abstract (en)

[origin: FR2775000A1] The invention concerns a set of plant promoters inductible by biotic or abiotic stresses, in particular by pathogens, their use, expression vectors comprising said promoters and a gene of interest, cells and/or plants transformed by said vectors. The invention also concerns methods for obtaining said cells and plants, said transformed plants with improved resistance to said pathogens.

IPC 1-7

C12N 15/82; **C12N 15/29**; **A01H 5/00**

IPC 8 full level

A01H 5/00 (2006.01); **C07K 14/415** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12N 15/29** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP US)

C07K 14/415 (2013.01 - EP US); **C12N 15/8222** (2013.01 - EP US); **C12N 15/8237** (2013.01 - EP US); **C12N 15/8239** (2013.01 - EP US)

Citation (search report)

See references of WO 9941391A1

Cited by

US5230964A; US9312051B2

Designated contracting state (EPC)

BE CH DE DK ES FR GB IT LI NL PT SE

DOCDB simple family (publication)

FR 2775000 A1 19990820; **FR 2775000 B1 20020208**; AU 2429199 A 19990830; BR 9907853 A 20001024; CA 2320420 A1 19990819; CN 1295622 A 20010516; EP 1053336 A1 20001122; JP 2002508938 A 20020326; US 6677505 B1 20040113; WO 9941391 A1 19990819

DOCDB simple family (application)

FR 9801741 A 19980213; AU 2429199 A 19990212; BR 9907853 A 19990212; CA 2320420 A 19990212; CN 99804670 A 19990212; EP 99903741 A 19990212; FR 9900315 W 19990212; JP 2000531572 A 19990212; US 62226000 A 20001106