

Title (en)
PEPTIDE WITH INHIBITORY ACTIVITY TOWARDS PLANT PATHOGENIC FUNGI

Title (de)
PEPTID MIT INHIBITORISCHER WIRKUNG GEGEN PFLANZENPATHOGENE PILZE

Title (fr)
PEPTIDE POSSEDANT UNE ACTION INHIBITRICE A L'ENCONTRE DE CHAMPIGNONS PATHOGENES DE PLANTES

Publication
EP 0918873 A1 19990602 (EN)

Application
EP 97940081 A 19970813

Priority
• EP 9704438 W 19970813
• US 2394096 P 19960814

Abstract (en)
[origin: WO9806860A1] Lactoferricin has been found to have antifungal activity against plant pathogens. Genetic constructs comprising a synthetic gene for bovine lactoferricin are prepared and used to provide transgenic disease-resistant plants. A method of transforming plants to express lactoferricin which is expressed in plants to provide disease resistance to those plants is also described.

IPC 1-7
C12N 15/82; **C12N 15/12**; **A01N 63/02**; **A01H 5/00**

IPC 8 full level
A01H 5/00 (2006.01); **A01N 63/00** (2006.01); **A01N 63/02** (2006.01); **C07K 14/79** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12N 15/12** (2006.01); **C12N 15/82** (2006.01); **C12P 21/02** (2006.01)

CPC (source: EP KR US)
A01H 5/00 (2013.01 - KR); **A01N 37/18** (2013.01 - KR); **A01N 63/00** (2013.01 - KR); **C07K 14/79** (2013.01 - EP US); **C12N 15/8279** (2013.01 - KR); **C12N 15/8281** (2013.01 - EP); **C12N 15/8282** (2013.01 - EP); **C12P 21/00** (2013.01 - KR)

Citation (search report)
See references of WO 9806860A1

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

DOCDB simple family (publication)
WO 9806860 A1 19980219; AU 4205297 A 19980306; AU 723005 B2 20000817; BR 9713166 A 20000201; CA 2262429 A1 19980219; CN 1228123 A 19990908; EP 0918873 A1 19990602; IL 128377 A0 20000131; JP 2000516812 A 20001219; KR 20000029948 A 20000525; PL 331563 A1 19990719; TR 199900312 T2 19990421

DOCDB simple family (application)
EP 9704438 W 19970813; AU 4205297 A 19970813; BR 9713166 A 19970813; CA 2262429 A 19970813; CN 97197300 A 19970813; EP 97940081 A 19970813; IL 12837797 A 19970813; JP 50941598 A 19970813; KR 19997001176 A 19990212; PL 33156397 A 19970813; TR 9900312 T 19970813