

Title (en)
EXPRESSION OF PROTEINS IN GENETICALLY MODIFIED FUNGI

Title (de)
PROTEIN-EXPRESSION IN GENETISCH VERÄNDERTEN PILZEN

Title (fr)
EXPRESSION DE PROTEINES DANS DES CHAMPIGNONS MODIFIES PAR GENIE GENETIQUE

Publication
EP 1214431 A1 20020619 (EN)

Application
EP 00958054 A 20000901

Priority
• CA 0000997 W 20000901
• US 39247699 A 19990909

Abstract (en)
[origin: WO0118218A1] The present invention relates to increasing the production of a protein of interest from a fungal host. The invention discloses nucleotide sequences comprising, a regulatory region in operative association with a xylanase secretion sequence and a gene of interest. The gene of interest encodes a protein selected from a pharmaceutical, nutraceutical, industrial, animal feed, food additive and an enzyme. Preferably, the gene of interest encodes a cellulase, hemicellulase, a lignin degrading enzyme, pectinase, protease, or peroxidase. The present invention also relates to vectors and hosts comprising these nucleic acid sequences, and to methods for the production of a protein of interest.

IPC 1-7
C12N 15/80; **C12N 15/62**; **C12N 15/56**; **C12N 1/15**; **C12N 9/24**

IPC 8 full level
C12N 1/21 (2006.01); **C12N 9/02** (2006.01); **C12N 9/24** (2006.01); **C12N 9/42** (2006.01); **C12N 15/56** (2006.01); **C12N 15/80** (2006.01)

CPC (source: EP)
C12N 9/0061 (2013.01); **C12N 9/2437** (2013.01); **C12N 9/2445** (2013.01); **C12N 9/248** (2013.01); **C12N 15/80** (2013.01); **C12Y 302/01008** (2013.01); **C12Y 302/01021** (2013.01); **C12Y 302/01091** (2013.01); **C07K 2319/02** (2013.01)

Citation (search report)
See references of WO 0118218A1

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

DOCDB simple family (publication)
WO 0118218 A1 20010315; **WO 0118218 A9 20021107**; **WO 0118218 B1 20010419**; AU 6974400 A 20010410; BR 0013896 A 20020514; CA 2382609 A1 20010315; CA 2382609 C 20120807; CN 1390260 A 20030108; EP 1214431 A1 20020619; MX 250271 B 20071012; MX PA02002516 A 20051117

DOCDB simple family (application)
CA 0000997 W 20000901; AU 6974400 A 20000901; BR 0013896 A 20000901; CA 2382609 A 20000901; CN 00815509 A 20000901; EP 00958054 A 20000901; MX PA02002516 A 20000901