

Title (en)
THERMOSTABLE PHYTASES IN FEED PREPARATION AND PLANT EXPRESSION

Title (de)
THERMOSTABILE PHYTASEN IN FUTTERZUBEREITUNGEN SOWIE DEREN PFLANZENEXPRESSION

Title (fr)
PHYTASES THERMOSTABLES DANS LA PREPARATION DE NOURRITURE POUR ANIMAUX ET LEURS EXPRESSION CHEZ LES PLANTES

Publication
EP 1065941 A1 20010110 (EN)

Application
EP 99914443 A 19990322

Priority

- DK 9900154 W 19990322
- DK 40798 A 19980323
- DK 80698 A 19980619
- DK PA199801176 A 19980918
- DK PA199900091 A 19990122
- DK PA199900093 A 19990122

Abstract (en)
[origin: WO9948380A1] The use of thermostable phytases in the preparation of animal feed, and the expression in plants of such phytases. For preparation of animal feed, a thermostable phytase is added before or during the agglomeration step. Preferred processes are pelleting, extrusion and expansion. A transgenic plant expressing a thermostable phytase may be used directly in animal feed preparation.

IPC 1-7
A23K 1/165; **A01H 5/00**; **C12N 9/16**

IPC 8 full level
A01H 5/00 (2006.01); **A23K 1/165** (2006.01); **C12N 9/16** (2006.01); **C12N 15/09** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP KR)
A23K 10/14 (2016.05 - EP KR); **A23K 20/189** (2016.05 - EP KR); **A23K 50/00** (2016.05 - KR); **C12N 9/16** (2013.01 - EP KR); **C12N 15/8242** (2013.01 - EP); **C12N 15/8243** (2013.01 - EP KR); **C12N 15/8257** (2013.01 - EP KR)

Citation (search report)
See references of WO 9948380A1

Designated contracting state (EPC)
BE CH DE DK ES FR GB IE IT LI NL SE

DOCDB simple family (publication)
WO 9948380 A1 19990930; AU 3326799 A 19991018; AU 753475 B2 20021017; AU 753475 C 20030417; BR 9909006 A 20001128; CA 2325440 A1 19990930; CN 1293542 A 20010502; EP 1065941 A1 20010110; JP 2002508942 A 20020326; KR 20010042063 A 20010525

DOCDB simple family (application)
DK 9900154 W 19990322; AU 3326799 A 19990322; BR 9909006 A 19990322; CA 2325440 A 19990322; CN 99804009 A 19990322; EP 99914443 A 19990322; JP 2000537445 A 19990322; KR 20007010410 A 20000920