

Title (en)

STABILIZED AQUEOUS LIQUID FORMULATIONS OF PHYTASE.

Title (de)

STABILISIERTE, WÄSSRIGE, FLÜSSIGE, PHYTASE ENTHALTENDE FORMULIERUNGEN.

Title (fr)

FORMULATIONS LIQUIDES, AQUEUSES ET STABILISEES DE PHYTASE.

Publication

**EP 0626010 A1 19941130 (EN)**

Application

**EP 93905244 A 19930212**

Priority

- EP 93905244 A 19930212
- EP 9300356 W 19930212
- EP 92200414 A 19920213

Abstract (en)

[origin: WO9316175A1] The present invention provides stabilized aqueous liquid formulations having phytase activity which exhibit increased resistance to heat inactivation of the enzyme activity and which retain their phytase activity during prolonged periods of storage. The liquid formulations are stabilized by means of the addition of urea and/or a polyol such as sorbitol and glycerol as stabilizing agent. Also provided are feed preparations for monogastric animals and methods for the production thereof.

Abstract (fr)

Formulations liquides, aqueuses et stabilisées présentant une activité de phytase et une résistance accrue à l'inactivation thermique de l'activité enzymatique, et conservant leur activité de phytase pendant des durées prolongées de stockage. On assure la stabilisation desdites formulations liquides au moyen de l'adjonction, à titre d'agent stabilisant, d'urée et/ou d'un polyol tel que le sorbitol et le glycérol. On a également prévu des préparations alimentaires pour animaux monogastriques, et leurs procédés de production.

IPC 1-7

**C12N 9/96**; **A23K 1/165**

IPC 8 full level

**A23K 20/189** (2016.01); **A23K 50/30** (2016.01); **C12N 9/16** (2006.01); **C12N 9/96** (2006.01)

CPC (source: EP)

**A23K 20/189** (2016.05); **A23K 50/30** (2016.05); **C12N 9/16** (2013.01); **C12N 9/96** (2013.01)

Citation (search report)

See references of WO 9316175A1

Cited by

WO2012051055A2; WO2010135588A2; EP2698374A1; WO2008036916A2; EP2397486A1; EP2617728A2; EP2617729A2; EP2617815A2; EP2617816A2; EP2617817A2; EP2617819A2; EP2617820A2; EP2617821A2; EP2617823A2; EP2620495A2

Designated contracting state (EPC)

DE DK NL

DOCDB simple family (publication)

**WO 9316175 A1 19930819**; AU 3628493 A 19930903; EP 0626010 A1 19941130; FI 943707 A0 19940810; FI 943707 A 19940810; IL 104704 A0 19930610

DOCDB simple family (application)

**EP 9300356 W 19930212**; AU 3628493 A 19930212; EP 93905244 A 19930212; FI 943707 A 19940810; IL 10470493 A 19930212