

Title (en)
NOVEL MIXTURES OF MICROBIAL ENZYMES

Title (de)
GEMISCHE VON ENZYMEN AUS PILZEN UND DEREN VERWENDUNG ZUR BEHANDLUNG DER MALDIGESTION

Title (fr)
NOUVEAUX MELANGES D'ENZYMES MICROBIENS

Publication
EP 1381386 A2 20040121 (DE)

Application
EP 02716661 A 20020116

Priority
• DE 10102495 A 20010119
• DE 10144711 A 20010911
• EP 0200374 W 20020116

Abstract (en)
[origin: US2004057944A1] Mixtures of microbial enzymes containing a concentrated Rhizopus deleamar lipase, an Aspergillus melleus protease and an Aspergillus oryzae amylase; pharmaceutical preparations containing such mixtures; and the use of such mixtures in methods of treatment and/or prophylaxis of maldigestion, especially maldigestion caused by pancreatic insufficiency, in humans or other mammals.

IPC 1-7
A61K 38/46; **C12N 9/20**; **C12N 9/62**; **C12N 9/30**; **A61P 1/14**; **A61P 1/18**

IPC 8 full level
A61K 9/14 (2006.01); **A61K 9/28** (2006.01); **A61K 9/48** (2006.01); **A61K 38/46** (2006.01); **A61K 38/54** (2006.01); **A61K 45/06** (2006.01); **C12N 9/00** (2006.01); **A61P 1/14** (2006.01); **A61P 1/18** (2006.01)

CPC (source: EP US)
A61K 9/1641 (2013.01 - EP US); **A61K 9/1652** (2013.01 - EP US); **A61K 38/465** (2013.01 - EP US); **A61K 38/47** (2013.01 - EP US); **A61K 38/48** (2013.01 - EP US); **A61K 45/06** (2013.01 - EP US); **A61P 1/14** (2018.01 - EP); **A61P 1/18** (2018.01 - EP)

C-Set (source: EP US)
1. **A61K 38/47** + **A61K 2300/00**
2. **A61K 38/465** + **A61K 2300/00**
3. **A61K 38/48** + **A61K 2300/00**

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

DOCDB simple family (publication)
US 2004057944 A1 20040325; AR 032392 A1 20031105; BR 0206521 A 20040217; CA 2434808 A1 20020808; CN 1236817 C 20060118; CN 1487837 A 20040407; CZ 20031900 A3 20031015; EP 1381386 A2 20040121; HU P0500560 A2 20050928; HU P0500560 A3 20060628; IL 157004 A0 20040208; JP 2004524838 A 20040819; MX PA03005960 A 20030905; NO 20033261 D0 20030718; NO 20033261 L 20030718; NZ 527148 A 20050128; PL 362646 A1 20041102; RU 2003124078 A 20050127; SK 9292003 A3 20031202; WO 02060474 A2 20020808; WO 02060474 A3 20031030

DOCDB simple family (application)
US 62075903 A 20030717; AR P020100070 A 20020110; BR 0206521 A 20020116; CA 2434808 A 20020116; CN 02803889 A 20020116; CZ 20031900 A 20020116; EP 0200374 W 20020116; EP 02716661 A 20020116; HU P0500560 A 20020116; IL 15700402 A 20020116; JP 2002560665 A 20020116; MX PA03005960 A 20020116; NO 20033261 A 20030718; NZ 52714802 A 20020116; PL 36264602 A 20020116; RU 2003124078 A 20020116; SK 9292003 A 20020116