

Title (en)  
FATTY ACID MICROSPHERES CONTAINING ENTEROCOCCUS FOR USE TO ENHANCE GROWTH AND IMPROVE CARCASS QUALITY.

Title (de)  
ENTEROCOCCUS ENTHALTENE FETTSÄUREMIKROSPHÄREN ZUR ERHÖHUNG UND VERBESSERUNG DER QUALITÄT DES KÖRPERS.

Title (fr)  
MICROSPHERES A BASE D'ACIDE GRAS, CONTENANT DES ANTEROCOQUES ET DSTINEES A FAVORISER LA CROISSANCE ET A AMELIORER LA QUANTITE DE LA CARCASSE.

Publication  
**EP 0631616 A4 19950419 (EN)**

Application  
**EP 93904784 A 19930203**

Priority  
• US 9300867 W 19930203  
• US 85269292 A 19920317

Abstract (en)  
[origin: WO9319162A1] Dried, rotary disc fatty acid microspheres of Enterococcus faecium, strains 301 and 202 are mixed and used as a feed additive for animals for growth enhancement and carcass quality improvement.

IPC 1-7  
**C12N 1/00**; **C12N 1/20**; **B01J 13/02**; **A61K 38/00**; **A23L 1/28**

IPC 8 full level  
**A23K 1/00** (2006.01); **A23K 1/16** (2006.01); **A23K 1/18** (2006.01); **A61K 9/50** (2006.01); **A61K 35/74** (2006.01); **A61K 35/744** (2015.01); **A61K 39/02** (2006.01); **A61P 3/00** (2006.01); **B01J 13/02** (2006.01); **C12N 1/20** (2006.01); **C12N 11/04** (2006.01); **C12R 1/01** (2006.01); **C12R 1/46** (2006.01)

IPC 8 main group level  
**B30B 3/00** (2006.01)

CPC (source: EP)  
**A23K 10/16** (2016.05); **A23K 40/30** (2016.05); **A23K 50/30** (2016.05); **A61K 35/744** (2013.01); **A61P 3/00** (2017.12); **C12N 1/205** (2021.05); **C12N 11/04** (2013.01); **C12R 2001/46** (2021.05)

Citation (search report)  
• [PX] WO 9212234 A1 19920723 - PIONEER HI BRED INT [US]  
• [E] WO 9306208 A1 19930401 - PIONEER HI BRED INT [US]  
• [E] WO 9317094 A1 19930902 - PIONEER HI BRED INT [US]  
• See references of WO 9319162A1

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

DOCDB simple family (publication)  
**WO 9319162 A1 19930930**; BG 99113 A 19950728; BR 9306121 A 19980113; CA 2131790 A1 19930930; CZ 225394 A3 19950118; EP 0631616 A1 19950104; EP 0631616 A4 19950419; HU 9402673 D0 19941128; HU T67965 A 19950529; JP 2849877 B2 19990127; JP H07505056 A 19950608; MX 9301017 A 19930930; RO 112896 B1 19980130; RU 2109052 C1 19980420; RU 94043791 A 19970310; SI 9300128 A 19930930; SK 111694 A3 19950711

DOCDB simple family (application)  
**US 9300867 W 19930203**; BG 9911394 A 19941017; BR 9306121 A 19930203; CA 2131790 A 19930203; CZ 225394 A 19930203; EP 93904784 A 19930203; HU 9402673 A 19930203; JP 51653493 A 19930203; MX 9301017 A 19930224; RO 9401518 A 19930203; RU 94043791 A 19930203; SI 9300128 A 19930317; SK 111694 A 19930203