

Title (en)
NOVEL ENTEROCOCCUS AND STREPTOCOCCUS STRAINS AND BACTERIOCINS

Title (de)
NEUE ENTEROCOCCUS- UND STREPTOCOCCUS-STÄMME UND BAKTERIOZINE

Title (fr)
NOUVELLES SOUCHES ET BACTÉRIOCINES D'ENTÉROCOQUES ET DE STREPTOCOQUES

Publication
EP 2032150 A4 20091125 (EN)

Application
EP 06750855 A 20060419

Priority
US 2006014938 W 20060419

Abstract (en)
[origin: WO2007120151A1] Novel Enterococcus and Streptococcus bacteriocins produced by novel Enterococcus and Streptococcus strains are used for at least reducing the levels of colonization by at least one target bacteria in animals, especially poultry.

IPC 8 full level
A61K 38/16 (2006.01); **A61K 38/17** (2006.01); **C07K 14/195** (2006.01); **C07K 14/335** (2006.01); **C12N 1/20** (2006.01)

CPC (source: EP)
A23K 20/147 (2016.05); **C07K 14/315** (2013.01); **C12N 1/205** (2021.05); **A61K 38/00** (2013.01); **C12R 2001/46** (2021.05)

Citation (search report)

- [E] WO 2007078633 A2 20070712 - US AGRICULTURE [US], et al
- [A] US 2004220093 A1 20041104 - STERN NORMAN J [US], et al
- [A] US 2005153881 A1 20050714 - STERN NORMAN J [US], et al
- [A] VAN BELKUM M J ET AL: "Nonantibiotic antibacterial peptides from lactic acid bacteria.", NATURAL PRODUCT REPORTS AUG 2000, vol. 17, no. 4, August 2000 (2000-08-01), pages 323 - 335, XP002549896, ISSN: 0265-0568
- [A] CLEVELAND JENNIFER ET AL: "Bacteriocins: Safe, natural antimicrobials for food preservation", INTERNATIONAL JOURNAL OF FOOD MICROBIOLOGY, vol. 71, no. 1, 4 December 2001 (2001-12-04), pages 1 - 20, XP002549897, ISSN: 0168-1605
- [T] LINE J E ET AL: "Isolation and purification of enterocin E-760 with broad antimicrobial activity against gram-positive and gram-negative bacteria.", ANTIMICROBIAL AGENTS AND CHEMOTHERAPY MAR 2008, vol. 52, no. 3, March 2008 (2008-03-01), pages 1094 - 1100, XP026223508, ISSN: 0066-4804
- [T] SVETOCH EDWARD A ET AL: "Diverse antimicrobial Killing by Enterococcus faecium E 50-52 bacteriocin", JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol. 56, no. 6, March 2008 (2008-03-01), pages 1942 - 1948, XP002549898, ISSN: 0021-8561
- See references of WO 2007120151A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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DOCDB simple family (application)
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