

Title (en)
COMPOSITIONS AND METHOD FOR IMMUNIZING POULTRY

Title (de)
ZUSAMMENSETZUNGEN UND VERFAHREN ZUR IMMUNISIERUNG VON GEFLÜGEL

Title (fr)
COMPOSITION ET PROCEDE D'IMMUNISATION DE VOLAILLE

Publication
EP 1076567 A4 20011212 (EN)

Application
EP 99924234 A 19990514

Priority
• US 9910650 W 19990514
• US 8563498 P 19980515

Abstract (en)
[origin: WO9959626A1] The present invention is directed to vaccine compositions and methods for immunizing poultry. The vaccine compositions comprise inactivated bacterial organisms which can be administered to the poultry through oral intake of water.

IPC 1-7
A61K 39/00; **A61K 39/38**; **A61K 39/02**; **A61K 39/10**; **A61K 39/102**; **A61K 39/108**; **A01N 63/00**; **C12N 1/00**; **C12N 1/36**

IPC 8 full level
A61K 39/102 (2006.01); **A61P 31/04** (2006.01)

CPC (source: EP)
A61K 39/0216 (2013.01); **A61K 39/0258** (2013.01); **A61K 39/099** (2013.01); **A61K 39/102** (2013.01); **A61P 31/04** (2017.12); **A61K 2039/542** (2013.01); **A61K 2039/552** (2013.01); **Y02A 50/30** (2017.12)

Citation (search report)
• [X] US 4279893 A 19810721 - KREIMER JULY K, et al
• [X] RICE BRANDT E ET AL: "Campylobacter jejuni in broiler chickens: Colonization and humoral immunity following oral vaccination and experimental infection.", VACCINE, vol. 15, no. 17-18, December 1997 (1997-12-01), pages 1922 - 1932, XP004097387, ISSN: 0264-410X
• [X] NAKAMURA TOSHIHIRO ET AL: "Protective effect of oral administration of killed Haemophilus paragallinarum serotype A on chickens.", AVIAN DISEASES, vol. 38, no. 2, 1994, pages 289 - 292, XP001021299, ISSN: 0005-2086
• See references of WO 9959626A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 9959626 A1 19991125; AU 4078699 A 19991206; BR 9910438 A 20010102; CA 2332246 A1 19991125; EP 1076567 A1 20010221; EP 1076567 A4 20011212; IL 139538 A0 20040208

DOCDB simple family (application)
US 9910650 W 19990514; AU 4078699 A 19990514; BR 9910438 A 19990514; CA 2332246 A 19990514; EP 99924234 A 19990514; IL 13953899 A 19990514