

Title (en)
VETERINARY VACCINES

Title (de)
VETERINÄR-IMPfstoffe

Title (fr)
Vaccins vétérinaires

Publication
EP 1023083 A1 20000802 (EN)

Application
EP 98949828 A 19981016

Priority
• AU 9800865 W 19981016
• GB 9722035 A 19971017

Abstract (en)
[origin: WO9920305A1] The invention relates to vaccines which are suitable for the prevention of clostridial diseases of sheep (and lambs), providing an effective immunity for up to a year or more following a single injection or dose.

IPC 1-7
A61K 39/08; **A61K 9/107**; **A61K 47/44**; **A61K 47/14**

IPC 8 full level
A61K 9/00 (2006.01); **A61K 9/107** (2006.01); **A61K 39/08** (2006.01); **A61K 39/39** (2006.01); **A61K 47/06** (2006.01); **A61K 47/14** (2006.01); **A61K 47/44** (2006.01); **A61P 31/04** (2006.01)

CPC (source: EP)
A61K 9/0019 (2013.01); **A61K 9/107** (2013.01); **A61K 39/08** (2013.01); **A61K 39/39** (2013.01); **A61K 47/06** (2013.01); **A61K 47/14** (2013.01); **A61P 31/04** (2017.12); **A61K 2039/55566** (2013.01)

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

DOCDB simple family (publication)
WO 9920305 A1 19990429; **WO 9920305 A8 19990708**; AU 753804 B2 20021031; AU 9616198 A 19990510; CA 2307000 A1 19990429; CA 2307000 C 20110104; EP 1023083 A1 20000802; EP 1023083 A4 20060614; NZ 503636 A 20020531

DOCDB simple family (application)
AU 9800865 W 19981016; AU 9616198 A 19981016; CA 2307000 A 19981016; EP 98949828 A 19981016; NZ 50363698 A 19981016