

Title (en)
VACCINE

Publication
EP 0453452 A4 19911121 (EN)

Application
EP 90901506 A 19900112

Priority
• AU PJ224689 A 19890112
• AU PJ224789 A 19890112

Abstract (en)
[origin: WO9008184A1] Disclosed are novel smooth aromatic-dependent (aro<->) non-reverting, avirulent Salmonella strains of group C2;0-6,8, C3;0-8 or C3;0-8,20 and smooth aromatic-dependent (aro<->) non-reverting, avirulent Salmonella strains of group G2,0-1,13, 23 or G1;0-1,13,22. Also disclosed are novel genetic process required to produce these strains, vaccine formulations containing these strains, methods of using these strains to prevent Salmonellosis, diagnostic kits containing antibodies raised against these strains, antibodies raised against these strains and methods of their use.

IPC 1-7
C12N 1/20; **C12N 15/74**; **C12N 15/87**; **C07K 15/12**; **G01N 33/564**; **A61K 39/112**

IPC 8 full level
A61K 39/02 (2006.01); **A61K 39/112** (2006.01)

CPC (source: EP)
A61K 39/0275 (2013.01); **A61K 2039/522** (2013.01); **Y02A 50/30** (2017.12)

Citation (search report)
• Infection and Immunity, Vol. 55, No. 4, April 1987, Washington US, pages 955-962; N.A. NNALUE et al.: "Tests of the virulence and live-vaccine efficacy of auxotrophic and galE derivatives of Salmonella choleraesuis", "Materials and methods".
• See references of WO 9008184A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 9008184 A1 19900726; EP 0453452 A1 19911030; EP 0453452 A4 19911121; NZ 232097 A 19920326

DOCDB simple family (application)
AU 9000009 W 19900112; EP 90901506 A 19900112; NZ 23209790 A 19900112