

Title (en)

SYNTHETIC POLYPEPTIDE CORRESPONDING TO A PORTION OF THE HEAT-LABILE ENTEROTOXIN OF ESCHERICHIA COLI, COMPOSITIONS AND METHODS THEREWITH.

Title (de)

SYNTHETISCHE POLYPEPTIDE ÜBEREINSTIMMEND MIT EINEM TEIL DES WÄRMELABILEN ENTEROTOXINS VON ESCHERICHIA COLI, ZUSAMMENSETZUNGEN UND DEREN VERFAHREN.

Title (fr)

POLYPEPTIDE DE SYNTHÈSE CORRESPONDANT A UNE PARTIE DE L'ENTEROTOXINE THERMOLABILE D'ESCHERICHIA COLI, COMPOSITIONS ET PROCÉDES.

Publication

EP 0165307 A4 19890614 (EN)

Application

EP 85900404 A 19841212

Priority

US 55946983 A 19831212

Abstract (en)

[origin: WO8502611A1] Synthetic polypeptides containing about 10 to about 35 amino acid residues corresponding in sequence to the amino acid residue sequence of about position 35 to about position 95 from the amino-terminus of the B-subunit of the heat-labile enterotoxin of Escherichia coli along with composite polypeptides containing the polypeptide sequence of the heat-stable Escherichia coli enterotoxin, as are polymers containing the synthetic polypeptide and composite polypeptide as repeating units. The polypeptides are useful as conjugates coupled to a carrier or as a polymer as the active ingredient of an inoculum to raise antibodies and for protecting an animal host against infection by heat-labile enterotoxin-producing bacteria.

IPC 1-7

A61K 39/00; **C07C 103/52**; **C07G 7/00**

IPC 8 full level

C07K 14/195 (2006.01); **C07K 1/113** (2006.01); **C07K 14/00** (2006.01); **C07K 14/245** (2006.01); **C07K 14/41** (2006.01); **C07K 16/00** (2006.01); **C07K 16/12** (2006.01); **C07K 19/00** (2006.01); **A61K 39/00** (2006.01)

IPC 8 main group level

A61K (2006.01); **C07K** (2006.01)

CPC (source: EP KR)

C07K 7/08 (2013.01 - KR); **C07K 14/245** (2013.01 - EP); **C07K 16/1232** (2013.01 - EP); **A61K 39/00** (2013.01 - EP KR)

Citation (search report)

No relevant documents have been disclosed.

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

WO 8502611 A1 19850620; AU 3747185 A 19850626; DK 364685 A 19850809; DK 364685 D0 19850809; EP 0165307 A1 19851227; EP 0165307 A4 19890614; FI 853082 A0 19850812; FI 853082 L 19850812; JP S61500664 A 19860410; KR 850005401 A 19850824; KR 850700134 A 19851025; NO 853153 L 19850913; ZA 839512 B 19840829

DOCDB simple family (application)

US 8402030 W 19841212; AU 3747185 A 19841212; DK 364685 A 19850809; EP 85900404 A 19841212; FI 853082 A 19850812; JP 50007185 A 19841212; KR 840001036 A 19840229; KR 850700163 A 19850812; NO 853153 A 19850809; ZA 839512 A 19831221