

Title (en)

PROCESS FOR PREPARING CANCER VACCINES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON KREBSVAKZINEN

Title (fr)

PROCEDE DE PREPARATION DE VACCINS ANTICANCEREUX

Publication

EP 0689604 A1 19960103 (DE)

Application

EP 94911921 A 19940318

Priority

- AT 55693 A 19930319
- DE 4326821 A 19930810
- EP 9400859 W 19940318

Abstract (en)

[origin: WO9421808A1] Cancer vaccines are prepared by treating tumor cells or fibroblasts with a complex of immunostimulating polypeptide-coding DNA and of DNA-binding substance, for example polylysine, preferably conjugated with transferrine. The complex further contains a conjugate of DNA-binding substance and of an endosomolytic peptide or an adenovirus having at least one E4 defect or one E1a defect associated with other genetic defects.

IPC 1-7

C12N 15/87; C12N 7/04; C12N 5/10; C12N 15/44; C12N 15/47; A61K 48/00; A61K 47/48

IPC 8 full level

C12N 15/09 (2006.01); **A61K 35/12** (2006.01); **A61K 39/00** (2006.01); **A61K 47/48** (2006.01); **A61K 48/00** (2006.01); **A61P 35/00** (2006.01); **A61P 37/00** (2006.01); **C07K 14/11** (2006.01); **C07K 14/145** (2006.01); **C07K 14/485** (2006.01); **C07K 14/535** (2006.01); **C07K 14/55** (2006.01); **C07K 14/57** (2006.01); **C07K 14/705** (2006.01); **C12N 5/00** (2006.01); **C12N 5/10** (2006.01); **C12N 7/04** (2006.01); **C12N 15/87** (2006.01); **C12P 21/02** (2006.01); **C12Q 1/70** (2006.01); **A61K 38/00** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP KR US)

A61K 39/0011 (2013.01 - EP KR US); **A61K 47/50** (2017.08 - EP); **A61K 48/00** (2013.01 - EP KR); **A61P 35/00** (2018.01 - EP); **A61P 37/00** (2018.01 - EP); **C07K 14/005** (2013.01 - EP); **C07K 14/485** (2013.01 - EP); **C07K 14/535** (2013.01 - EP); **C07K 14/55** (2013.01 - EP); **C07K 14/57** (2013.01 - EP); **C07K 14/705** (2013.01 - EP); **C12N 7/00** (2013.01 - EP); **C12N 15/87** (2013.01 - EP KR); **C12Q 1/701** (2013.01 - EP); **A61K 38/00** (2013.01 - EP); **C12N 2710/10343** (2013.01 - EP); **C12N 2710/10361** (2013.01 - EP); **C12N 2760/20122** (2013.01 - EP)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9421808 A1 19940929; AU 6427994 A 19941011; CA 2158655 A1 19940929; CN 1119459 A 19960327; CZ 241795 A3 19960417; EP 0689604 A1 19960103; FI 954383 A0 19950918; FI 954383 A 19950918; HU 9502720 D0 19951128; HU T73383 A 19960729; JP H08507921 A 19960827; KR 960701211 A 19960224; NO 953684 D0 19950918; NO 953684 L 19950918; NZ 263550 A 19961220; PL 311036 A1 19960122

DOCDB simple family (application)

EP 9400859 W 19940318; AU 6427994 A 19940318; CA 2158655 A 19940318; CN 94191520 A 19940318; CZ 241795 A 19940318; EP 94911921 A 19940318; FI 954383 A 19950918; HU 9502720 A 19940318; JP 52065894 A 19940318; KR 19950703645 A 19950828; NO 953684 A 19950918; NZ 26355094 A 19940318; PL 31103694 A 19940318