

Title (en)
VACCINES AGAINST CONFORMATION-DEPENDENT ANTIGENS AND AGAINST ANTIGENS THAT ARE NOT OR ARE NOT ONLY PROTEINS OR PEPTIDES

Title (de)
VAKZINE GEGEN KONFORMATIONSSABHÄNGIGE ANTIGENE SOWIE GEGEN ANTIGENE, DIE KEINE ODER NICHT AUSSCHLIESSLICH PROTEINE ODER PEPTIDE SIND

Title (fr)
VACCINS CONTRE DES ANTIGENES DEPENDANT DE LA CONFORMATION AINSI QUE CONTRE DES ANTIGENES QUI NE SONT PAS OU PAS EXCLUSIVEMENT DES PROTEINES OU DES PEPTIDES

Publication
EP 1181058 A2 20020227 (DE)

Application
EP 00951201 A 20000529

Priority
• DE 0001809 W 20000529
• DE 19924405 A 19990527
• DE 19943016 A 19990909

Abstract (en)
[origin: WO0073430A2] The invention relates to a method that makes it possible to use the highly effective technology of vaccination with deoxyribonucleic acid (DNA) not only on sequence epitopes of proteins or peptides, but also on conformation epitopes. The method also permits the use of DNA vaccination for antigens that are not or are only partially proteins or peptides. The preferred inventive vaccine contains a desoxyribonucleic acid (DNA) as its principal component. This desoxyribonucleic acid codes for a peptide sequence which represents the immunological imitation (mimicry) of a conformation-dependent antigen including protein conformation epitopes or of an antigen that is not or is only partially a protein or peptide. The mimicry peptide, which is also or can also be part of the inventive vaccine, is either an antiidiotypic antibody, an antibody fragment, a peptide derived therefrom or a specifically binding peptide obtained by selection from a peptide gene bank. The invention can be used in medical and veterinary medical immunology, including in the adjuvant therapy of tumor diseases.

IPC 1-7
A61K 48/00; **A61K 39/395**; **C07K 16/42**; **C07K 14/00**; **C07K 16/30**; **A61K 39/00**; **A61P 35/00**; **A61P 31/00**; **C12N 15/13**; **C12N 15/10**

IPC 8 full level
C07K 16/30 (2006.01); **C07K 16/42** (2006.01); **C12N 15/10** (2006.01); **C12N 15/13** (2006.01); **C40B 40/02** (2006.01)

CPC (source: EP)
A61P 31/00 (2017.12); **A61P 35/00** (2017.12); **C07K 16/30** (2013.01); **C07K 16/4241** (2013.01); **C12N 15/1037** (2013.01); **C12N 15/1086** (2013.01); **C40B 40/02** (2013.01); **A61K 2039/505** (2013.01); **A61K 2039/53** (2013.01)

Citation (search report)
See references of WO 0073430A2

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 0073430 A2 20001207; **WO 0073430 A3 20010329**; AU 6424300 A 20001218; CA 2375033 A1 20001207; DE 10027695 A1 20010419; EP 1181058 A2 20020227

DOCDB simple family (application)
DE 0001809 W 20000529; AU 6424300 A 20000529; CA 2375033 A 20000529; DE 10027695 A 20000529; EP 00951201 A 20000529