

Title (en)

PRODUCTION OF A LIVE VACCINE DIRECTED AGAINST INFLUENZA VIRUSES

Title (de)

8-PLASMID METHODE MIT MUTIERTEM HA GEN ZUR HERSTELLUNG EINES INFLUENZA-IMPFSTOFFES

Title (fr)

PRODUCTION D'UN VACCIN VIVANT AGISSANT CONTRE DES VIRUS DE LA GRIPPE

Publication

EP 1599581 A2 20051130 (DE)

Application

EP 03773534 A 20031013

Priority

- DE 0303420 W 20031013
- DE 10248301 A 20021016

Abstract (en)

[origin: WO2004034956A2] The invention relates to a novel method for producing an attenuated influenza virus, which is homologous to the epidemic wild type strain and which is used as a vaccine directed against the influenza virus. The virus loses its pathogenicity by modifying an influenza surface protein but does not lose its immunogenicity, and it can be used as a live vaccine for immunizing individuals, particularly children, older people and immune-deficient individuals.

IPC 1-7

C12N 7/04

IPC 8 full level

A61K 39/145 (2006.01); **A61P 31/16** (2006.01); **C07K 14/11** (2006.01); **C12N 7/04** (2006.01); **C12N 15/10** (2006.01)

IPC 8 main group level

A61K (2006.01)

CPC (source: EP US)

A61K 39/12 (2013.01 - EP); **A61K 39/145** (2013.01 - EP); **A61P 31/16** (2018.01 - EP); **C07K 14/005** (2013.01 - EP); **C12N 7/00** (2013.01 - EP);
A61K 39/00 (2013.01 - EP US); **A61K 2039/5254** (2013.01 - EP); **C12N 2760/16122** (2013.01 - EP); **C12N 2760/16134** (2013.01 - EP);
C12N 2760/16161 (2013.01 - EP)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004034956 A2 20040429; WO 2004034956 A3 20040715; AU 2003281953 A1 20040504; AU 2003281953 A8 20040504;
DE 10248301 A1 20040429; EP 1599581 A2 20051130

DOCDB simple family (application)

DE 0303420 W 20031013; AU 2003281953 A 20031013; DE 10248301 A 20021016; EP 03773534 A 20031013