

Title (en)

SPERM SPECIFIC ANTIGENS 4.1 AND 6.7, DNA ENCODING THEM AND CONTRACEPTIVE VACCINES COMPRISING SAID SPERM ANTIGENS

Title (de)

SPERMIENSPEZIFISCHE ANTIGENE 4.1 UND 6.7, DAFÜR KODIERENDE DNS UND KONTRAZEPTIV WIRKENDER IMPFSTOFF, DER DIESE ANTIGENE ENTHÄLT

Title (fr)

ANTIGENES 4,1 ET 6,7 A SPECIFIQUES AU SPERME, ADN LES CODANT ET VACCIN CONTRACEPTIF LES CONTENANT

Publication

EP 1012176 A1 20000628 (EN)

Application

EP 98933652 A 19980617

Priority

- EP 98933652 A 19980617
- EP 9804016 W 19980617
- EP 97201863 A 19970619

Abstract (en)

[origin: WO9858954A2] The present invention is directed to mammalian sperm specific proteins 4.1 and 6.7, and nucleotide sequences encoding said proteins, as well as pharmaceutical formulations, in particular vaccines comprising said proteins. The proteins 4.1 and 6.7 are sperm specific and can be used in a vaccine to prevent or reduce fertility in subjects.

IPC 1-7

C07K 14/00

IPC 8 full level

A61K 39/00 (2006.01); **A61P 15/18** (2006.01); **C07K 14/00** (2006.01); **C07K 14/47** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)

A61P 15/18 (2017.12); **C07K 14/47** (2013.01); **A61K 38/00** (2013.01)

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 9858954 A2 19981230; WO 9858954 A3 19990318; AU 8339898 A 19990104; BR 9810046 A 20000829; CA 2296002 A1 19981230; EP 1012176 A1 20000628; JP 2002505583 A 20020219

DOCDB simple family (application)

EP 9804016 W 19980617; AU 8339898 A 19980617; BR 9810046 A 19980617; CA 2296002 A 19980617; EP 98933652 A 19980617; JP 50381899 A 19980617