

Title (en)

NUCLEIC ACID VACCINES ENCODING G PROTEIN OF RESPIRATORY SYNCYTIAL VIRUS

Title (de)

NUKLEINSÄURE-IMPfstoffe die das G Protein des Respiratorischen Synzytialviren kodieren

Title (fr)

Vaccins d'acide nucleique codant une proteine G du virus respiratoire syncytial

Publication

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Application

**EP 98934710 A 19980716**

Priority

- CA 9800697 W 19980716
- US 89644297 A 19970718

Abstract (en)

[origin: WO9904010A1] Non-replicating vectors, such as plasmid vectors, containing a nucleotide sequence coding for a G protein of respiratory syncytial virus (RSV) and a promoter for such sequence, preferably a cytomegalovirus promoter, are described. Such vectors also may contain a further nucleotide sequence located adjacent to the RSV G protein encoding sequence to enhance the immunoprotective ability of the RSV G protein when expressed in vivo. Such non-replicating vectors may be used to immunize a host, including a human host, against RSV infection by administration thereto. Such non-replicating vectors also may be used to produce antibodies for detection of RSV infection in a sample.

IPC 1-7

**C12N 15/45**; **A61K 48/00**; **G01N 33/53**; **C07K 16/10**

IPC 8 full level

**A61K 39/155** (2006.01); **A61K 48/00** (2006.01); **C07K 14/135** (2006.01); **C07K 16/10** (2006.01); **C12N 15/09** (2006.01); **C12N 15/45** (2006.01); **C12P 21/08** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/53** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 9904010A1

Cited by

US7947274B2; US8298538B2; US9217028B2; US9611316B2; US7955599B2; US8124093B2; US8287870B2; US8298539B2; US8435524B2; US8545848B2; US8765132B2; US9127049B2; US9149524B2; US9221897B2; US9249213B2; US9365636B1; US9371372B2; US9491906B2; US9527902B2; US9725502B2; US9796772B2; US9796771B2; US9803000B1; US10040845B2; US10414817B2; US10889632B2

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