

Title (en)

TRANSGENIC PLANTS EXPRESSING RABIES GLYCOPROTEIN G, AND GLYCOPROTEINS THUS OBTAINED

Title (de)

TOLLWUT-GLYKOPROTEIN G EXPERIMIERENDE TRANSGENE PFLANZEN UND DURCH DIESE HERGES TELLTE GLYKOPROTEIN

Title (fr)

PLANTES TRANSGENIQUES EXPRIMANT LA GLYCOPROTEINE G DE LA RAGE, ET GLYCOPROTEINES AINSI OBTENUES

Publication

EP 0910650 A1 19990428 (FR)

Application

EP 97924066 A 19970507

Priority

- FR 9700827 W 19970507
- FR 9606029 A 19960509

Abstract (en)

[origin: WO9743428A1] This invention features a method for producing the glycoprotein G of the rabies virus, or a virus related to the rabies virus, characterised by: i) introducing, into a plant cell, a nucleic acid molecule comprising a chimeric coding sequence, comprising one coding sequence for the said mature viral protein G, or for an analogous protein, and a coding sequence for a N-terminal signal peptide other than the one naturally associated with the viral protein G, enabling the expression of the protein G in the cell; ii) multiplying, in the form of cell culture, transformed cells, or regeneration of whole transgenic or chimerical plants from these cells; iii) optionally extracting and purifying the glycoprotein G from the cells or plants thus obtained.

IPC 1-7

C12N 15/82; **C12N 15/40**; **C07K 14/145**; **C12N 15/10**; **A01H 5/00**; **A61K 39/00**

IPC 8 full level

C07K 14/145 (2006.01); **C12N 15/40** (2006.01); **C12N 15/82** (2006.01); **A61K 39/00** (2006.01)

CPC (source: EP)

C07K 14/005 (2013.01); **C12N 15/8258** (2013.01); **A61K 39/00** (2013.01); **C12N 2760/20122** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9743428 A1 19971120; AR 013817 A1 20010131; AU 2965797 A 19971205; CA 2254115 A1 19971120; EP 0910650 A1 19990428; FR 2748480 A1 19971114; FR 2748480 B1 19980904; ZA 974037 B 19980108

DOCDB simple family (application)

FR 9700827 W 19970507; AR P970101956 A 19970905; AU 2965797 A 19970507; CA 2254115 A 19970507; EP 97924066 A 19970507; FR 9606029 A 19960509; ZA 974037 A 19970509