

Title (en)

METHOD FOR PREPARING AN INFLUENZA VIRUS, ANTIGENS OBTAINED AND APPLICATIONS THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG VON INFLUENZA VIRUS, ERHALTENE ANTIGENE UND DEREN VERWENDUNG

Title (fr)

PROCEDE DE PREPARATION DU VIRUS GRIPPAL, ANTIGENS OBTENUS ET LEURS APPLICATIONS

Publication

EP 0776362 A1 19970604 (FR)

Application

EP 95922563 A 19950606

Priority

- FR 9500727 W 19950606
- FR 9410039 A 19940816

Abstract (en)

[origin: WO9605294A1] Method for preparing purified influenzal antigens from a liquid containing the influenzal virus, comprising the steps of concentration, purification, fragmentation and optionally inactivation, characterized in that: A. <u>either</u> the purification step comprises a plurality of ultracentrifugation steps separated by a filtration step, B. <u>or</u> the fragmentation step is carried out on the living virus in the presence of a non ionic amphiphilic detergent followed by the removal of undesirable substances by filtration retaining all of the viral constituents, <u>or</u> the method is carried out according to these two steps in any order.

IPC 1-7

C12N 7/06; A61K 39/145

IPC 8 full level

C12N 7/00 (2006.01); **A61K 39/145** (2006.01); **A61K 49/00** (2006.01); **A61P 31/16** (2006.01); **C12N 7/06** (2006.01)

CPC (source: EP US)

A61K 39/12 (2013.01 - EP US); **A61K 39/145** (2013.01 - EP US); **A61P 31/16** (2017.12 - EP); **C12N 7/00** (2013.01 - EP US);
A61K 2039/5252 (2013.01 - EP US); **C12N 2760/16134** (2013.01 - EP US); **C12N 2760/16163** (2013.01 - EP US)

Citation (search report)

See references of WO 9605294A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9605294 A1 19960222; AU 2741295 A 19960307; AU 701024 B2 19990121; CA 2197683 A1 19960222; CA 2197683 C 20081230;
EP 0776362 A1 19970604; FR 2723740 A1 19960223; FR 2723740 B1 19961108; JP H10504033 A 19980414; MX 9701183 A 19970531;
NZ 288254 A 19990128; US 6048537 A 20000411; ZA 956797 B 19970217

DOCDB simple family (application)

FR 9500727 W 19950606; AU 2741295 A 19950606; CA 2197683 A 19950606; EP 95922563 A 19950606; FR 9410039 A 19940816;
JP 50705396 A 19950606; MX 9701183 A 19950606; NZ 28825495 A 19950606; US 79337397 A 19970527; ZA 956797 A 19950815