

Title (en)

A METHOD OF IMPROVED MIXING OF A VARICELLA-INFECTED CELL CULTURE IN ROLLER BOTTLES

Title (de)

METHODE FÜR VERBESSERTES MISCHEN EINER VARICELLA-INFIZIERTEN ZELLKULTUR IN ROLLFLASCHEN

Title (fr)

PROCEDE DE MELANGE AMELIORE D'UNE CULTURE CELLULAIRE INFECTEE PAR LA VARICELLE DANS UNE BOUTEILLE POUR AGITATEUR ROTATIF

Publication

EP 1027426 A4 20060419 (EN)

Application

EP 98956229 A 19981027

Priority

- GB 9727130 A 19971222
- US 9822716 W 19981027
- US 6444897 P 19971031
- US 6726497 P 19971203

Abstract (en)

[origin: WO9923206A1] A method for enhancing the mixing of a varicella-infected cell culture in a roller bottle by the introduction of controlled cross-sectional flow perturbations in roller bottle rotation is disclosed. The effectiveness of the method is demonstrated by achieving higher efficiency in cell culturing and virus propagation in roller bottles by introducing controlled cross-sectional flow perturbations during the process.

IPC 1-7

C12N 5/10

IPC 8 full level

C12N 5/00 (2006.01); **C12M 3/04** (2006.01)

CPC (source: EP)

C12M 27/12 (2013.01); **C12M 27/16** (2013.01)

Citation (search report)

- [A] US 5159694 A 19921027 - OVERATH HORST [DE], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 17, no. 382 19 July 1993 (1993-07-19)
- See references of WO 9923206A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9923206 A1 19990514; AU 1280499 A 19990524; AU 742756 B2 20020110; CA 2307832 A1 19990514; CA 2307832 C 20050906; EP 1027426 A1 20000816; EP 1027426 A4 20060419; JP 2001521737 A 20011113

DOCDB simple family (application)

US 9822716 W 19981027; AU 1280499 A 19981027; CA 2307832 A 19981027; EP 98956229 A 19981027; JP 2000519066 A 19981027