

Title (en)

HIGH EFFICIENCY TRANSFECTION BASED ON LOW ELECTRIC FIELD STRENGTH, LONG PULSE LENGTH

Title (de)

HOCHEFFIZIENTE TRANSFEKTION MITTELS NIEDRIGER ELEKTRISCHER FELDSTÄRKE UND LANGER PULSDAUER

Title (fr)

TRANSFECTION TRES EFFICACE UTILISANT UNE FAIBLE INTENSITE DE CHAMP ELECTRIQUE ET UNE LONGUE DUREE D'IMPULSION

Publication

EP 1194574 A1 20020410 (EN)

Application

EP 99928868 A 19990625

Priority

US 9914447 W 19990625

Abstract (en)

[origin: WO0100856A1] A method is provided for introducing nucleic acid into a cell, by contacting the cell with a nucleic acid and applying a low electrical field impulse for a long pulse length. A method is provided for introducing a polypeptide into a cell, by contacting the cell with the polypeptide and applying a low electrical field impulse for a long pulse length.

IPC 1-7

C12N 15/63; **C12N 15/09**

IPC 8 full level

C12N 15/09 (2006.01); **C12N 15/63** (2006.01); **C12N 15/87** (2006.01)

CPC (source: EP)

C12N 15/87 (2013.01)

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US 9914447 W 19990625; AU 4584299 A 19990625; CA 2377565 A 19990625; EP 07010185 A 19990625; EP 99928868 A 19990625