

Title (en)
ELECTRICALLY-MEDIATED ENHANCEMENT OF DNA VACCINE IMMUNITY AND EFFICACY IN VIVO

Title (de)
DURCH ELEKTRIZITÄT ERHÖHTE IMMUNITÄT UND WIRKSAMKEIT EINES DNA IMPFSTOFFS

Title (fr)
AUGMENTATION ELECTRIQUEMENT INDUITE DE L'IMMUNITE ET DE L'EFFICACITE DE VACCINS D'ADN IN VIVO

Publication
EP 1148885 A1 20011031 (EN)

Application
EP 00907132 A 20000207

Priority

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- US 12918999 P 19990414

Abstract (en)
[origin: WO0045823A1] Electrically-mediated delivery technology has been applied to DNA vaccines and substantially higher immune responses have been achieved. In mice and rabbits vaccinated with DNA encoding HIV genes, when administered with constant electric current or constant electric voltage, up to twenty-fold higher immune responses were achieved compared with application of DNA vaccines alone. The increase was achieved under conditions of both constant current (iontophoresis) and constant voltage (electroporation).

IPC 1-7
A61K 31/70; **A61K 45/00**; **A61N 1/30**; **A61N 1/00**; **C12M 1/42**

IPC 8 full level
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CPC (source: EP)
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WO 0045823 A1 20000810; **WO 0045823 A9 20011011**; AU 2868200 A 20000825; CA 2361601 A1 20000810; EP 1148885 A1 20011031; EP 1148885 A4 20020508

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