

Title (en)

PRETREATMENT OF MICROPROJECTILES PRIOR TO USING IN A PARTICLE GUN.

Title (de)

DIE VORBEHANDLUNG VON MIKROPROJEKTILEN VON IHRER VERWENDUNG IN EINER PARTIKELPISTOLE.

Title (fr)

PRE-TRAITEMENT DE MICRO-PROJECTILES AVANT LEUR UTILISATION DANS UN CANON A PARTICULES.

Publication

EP 0644945 A4 19970115 (EN)

Application

EP 93904738 A 19930129

Priority

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- US 9300817 W 19930129

Abstract (en)

[origin: WO9417195A1] An improvement in the process of transporting biological materials into living cells by bombarding the cells with microprojectile particles coated with biological material. In the improved process prior to coating of the particles such as tungsten beads for example, with biological material such as DNA, the particles are first pretreated with a strong inorganic acid such as nitric acid.

IPC 1-7

C12N 15/89

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [Y] EP 0397413 A1 19901114 - PIONEER HI BRED INT [US]
- [Y] EP 0486233 A2 19920520 - PIONEER HI BRED INT [US]
- [A] US 4101309 A 19780718 - KOSEKI ISAMU, et al
- [A] SANFORD: "The biolistic process", TRENDS IN BIOTECHNOLOGY, vol. 6, December 1988 (1988-12-01), pages 299 - 302, XP002017086
- See references of WO 9417195A1

Designated contracting state (EPC)

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