Title (en)

EPIGENETIC AND GENETIC TREATMENT METHOD AND SYSTEM

Title (de)

EPIGENETISCHES UND GENETISCHES BEHANDLUNGSVERFAHREN UND -SYSTEM

Title (fr)

SYSTÈME ET PROCÉDÉ DE TRAITEMENT GÉNÉTIQUE ET EPIGÉNÉTIQUE

Publication

EP 1885846 A2 20080213 (FR)

Application

EP 06794400 A 20060504

Priority

- FR 2006050413 W 20060504
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- FR 0553533 A 20051121

Abstract (en)

[origin: US2006252062A1] Transplantation of total or partial organs or tissues from one person to another creates severe immunologic problems and does not obtain a genetic rejuvenation, for example, of half the biological age of the donor's selected tissue. The invention permits, without a return to an embryonic stage, to develop an autologous and genetic rejuvenated (AGR) tissue that can be grafted without graft rejection in the donor's body. In order to reconstitute an organ, every tissue should be treated separately and re-assembled afterwards in a cellular culture. Thus, it becomes possible to repair damaged tissues, such as: retina, myocardium, lung, kidney, hepatic, pancreas, osteoporosis, etc. using their own cells that receive a genetic rejuvenation and that remain adult and immediately functional after their implantation.

IPC 8 full level

C12N 5/075 (2010.01); **C12N 5/16** (2006.01)

CPC (source: EP US)

A61K 8/985 (2013.01 - EP US); **A61L 27/3804** (2013.01 - EP US); **A61L 27/3895** (2013.01 - EP US); **A61L 27/507** (2013.01 - EP US); **A61Q 19/08** (2013.01 - EP US); **C12N 5/0609** (2013.01 - EP US); **C12N 5/16** (2013.01 - EP US); **C12N 15/873** (2013.01 - US); A61K 2800/86 (2013.01 - EP US); C12N 2506/00 (2013.01 - EP US); C12N 2517/04 (2013.01 - EP US)

Citation (search report)

See references of WO 2007000523A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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