

Title (en)
mRNA-TRANSFECTION OF ADULT PROGENITOR CELLS FOR SPECIFIC TISSUE REGENERATION

Title (de)
MRNA-TRANSFEKTION VON ADULTEN PROGENITORZELLEN ZUR SPEZIFISCHEN GEWEBSREGENERATION

Title (fr)
TRANSFECTION D'ARNm DE CELLULES PROGÉNITRICES ADULTES POUR UNE RÉGÉNÉRATION TISSULAIRE SPÉCIFIQUE

Publication
EP 1981967 A1 20081022 (DE)

Application
EP 07703360 A 20070208

Priority
• EP 2007001085 W 20070208
• DE 102006005827 A 20060208

Abstract (en)
[origin: DE102006005827B3] Progenitor cells (A), other than human embryonal stem cells, that are transfected with mRNA (I) encoding a protein (II) that promotes (a) homing of (A) into a target tissue and/or (b) differentiation of (A) into target cells or target tissue. ACTIVITY : Cardiant; Nephrotropic; Neuroprotective; Dermatological; Cytostatic; Antiparkinsonian; Nootropic; Vulnerary; Antidiabetic. No details of tests for these activities are given. MECHANISM OF ACTION : Stimulation of tissue regeneration.

IPC 8 full level
A61K 35/28 (2015.01); **C12N 5/0775** (2010.01); **C12N 5/0789** (2010.01); **C12N 15/85** (2006.01)

CPC (source: EP US)
A61K 35/28 (2013.01 - EP US); **A61K 38/1709** (2013.01 - EP US); **A61K 38/179** (2013.01 - EP US); **A61K 48/005** (2013.01 - EP US); **A61P 1/00** (2017.12 - EP); **A61P 7/00** (2017.12 - EP); **A61P 9/00** (2017.12 - EP); **A61P 13/00** (2017.12 - EP); **A61P 17/00** (2017.12 - EP); **A61P 19/00** (2017.12 - EP); **C12N 5/0647** (2013.01 - EP US); **C12N 5/0663** (2013.01 - EP US); **C12N 2510/00** (2013.01 - EP US)

Citation (search report)
See references of WO 2007090647A1

Citation (examination)
A VAN DRIESSCHE ET AL: "Messenger RNA electroporation: an efficient tool in immunotherapy and stem cell research", FOLIA HISTOCHEMICA ET CYTOBIOLOGICA / POLISH ACADEMY OF SCIENCES, POLISH HISTOCHEMICAL AND CYTOCHEMICAL SOCIETY, 1 January 2005 (2005-01-01), POLAND, pages 213 - 216, XP055339194, Retrieved from the Internet <URL:https://journals.viamedica.pl/folia_histochemica_cytobiologica/article/download/4599/3854> DOI: 10.5603/4599

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

DOCDB simple family (publication)
DE 102006005827 B3 20070726; EP 1981967 A1 20081022; US 2011104127 A1 20110505; WO 2007090647 A1 20070816

DOCDB simple family (application)
DE 102006005827 A 20060208; EP 07703360 A 20070208; EP 2007001085 W 20070208; US 27895207 A 20070208