

Title (en)

METHOD FOR IN VITRO DIFFERENTIATION OF NEURONAL STEM CELLS OR CELLS DERIVED FROM NEURONAL STEM CELLS

Title (de)

VERFAHREN ZUR IN VITRO DIFFERENZIERUNG NEURONALER STAMMZELLEN ODER VON NEURONALEN STAMMZELLEN ABGELEITETER ZELLEN

Title (fr)

PROCEDE DE DIFFERENTIATION IN VITRO DE CELLULES SOUCHES NEURONALES OU DE CELLULES DERIVANT DE CELLULES SOUCHES NEURONALES

Publication

**EP 1697501 A2 20060906 (DE)**

Application

**EP 04804267 A 20041223**

Priority

- EP 2004014673 W 20041223
- DE 10361444 A 20031223

Abstract (en)

[origin: WO2005063966A2] The method for in vitro differentiation of neuronal stem cells comprises the following: the cells are brought into contact with a substance which inhibits a reaction of the Wnt signal transduction path, and said cells are cultivated in conditions enabling the cells to multiply and/or differentiate. In a preferred embodiment of the method, the neuronal stem cells differentiate to form cells which are similar to brain cells.

IPC 8 full level

**G01N 33/68** (2006.01); **A61K 38/00** (2006.01); **A61K 38/17** (2006.01); **C12N 5/0793** (2010.01); **G01N 33/50** (2006.01); **G01N 33/569** (2006.01)

CPC (source: EP US)

**A61K 38/005** (2013.01 - EP US); **A61K 38/1709** (2013.01 - EP US); **C12N 5/0619** (2013.01 - EP US); **G01N 33/5008** (2013.01 - EP US); **G01N 33/5023** (2013.01 - EP US); **G01N 33/5041** (2013.01 - EP US); **G01N 33/5058** (2013.01 - EP US); **G01N 33/5073** (2013.01 - EP US); **G01N 33/6896** (2013.01 - EP US); **C12N 2501/415** (2013.01 - EP US)

Citation (search report)

See references of WO 2005063966A2

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005063966 A2 20050714**; **WO 2005063966 A3 20051027**; AU 2004309070 A1 20050714; CA 2551259 A1 20050714; DE 10361444 A1 20050721; EP 1697501 A2 20060906; US 2009081189 A1 20090326

DOCDB simple family (application)

**EP 2004014673 W 20041223**; AU 2004309070 A 20041223; CA 2551259 A 20041223; DE 10361444 A 20031223; EP 04804267 A 20041223; US 58434104 A 20041223