

Title (en)

SPECIALLY DEvised NEURONAL IMPLANTS FOR RECONSTRUCTION OF DAMAGED CENTRAL NERVOUS SYSTEM

Title (de)

SPEZIELLES NEURONALIMPLANTAT ZUM WIEDERAUFBAU EINES BESCHÄDIGTEN ZENTRALNERVENSYSTEMS

Title (fr)

IMPLANTS NEURONAUX SPECIAUX, POUR LA RECONSTRUCTION DU SYSTEME NERVEUX CENTRAL ENDOMMAGE

Publication

EP 1073420 A2 20010207 (EN)

Application

EP 99919517 A 19990514

Priority

- IL 9900257 W 19990514
- US 8550298 P 19980514

Abstract (en)

[origin: WO9958042A2] Specially devised neuronal implants for reconstruction of damaged central nervous system are prepared by culturing embryonal or neonatal tissue explants in a suspension culture with biodegradable microcarriers allowing formation of cellular-microcarrier aggregates. The cellular-microcarrier aggregates are transferred to plastic dishes coated with a matrix gel composed of hyaluronic acid and laminin, and the cellular-microcarrier aggregates are cultured in a suitable culture medium, forming a composite implant suitable for transplantation.

IPC 1-7

A61K 9/16; A61K 31/715; C12M 3/02

IPC 8 full level

A61K 35/30 (2015.01); **C12N 5/0793** (2010.01)

CPC (source: EP)

A61K 35/30 (2013.01); **C12N 5/0619** (2013.01); **C12N 2506/08** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

WO 9958042 A2 19991118; **WO 9958042 A3 20000406**; AU 3728099 A 19991129; EP 1073420 A2 20010207; EP 1073420 A4 20040908

DOCDB simple family (application)

IL 9900257 W 19990514; AU 3728099 A 19990514; EP 99919517 A 19990514