

Title (en)

SOMATIC CELL-DERIVED PLURIPOTENT CELLS AND METHODS OF USE THEREFOR

Title (de)

PLURIPOTENTE ZELLEN AUS KÖRPERZELLEN UND IHRE VERWENDUNG

Title (fr)

CELLULES PLURIPOTENTES DÉRIVÉES DE CELLULES STOMATIQUES ET LEURS MÉTHODES D'UTILISATION

Publication

**EP 2376625 A4 20121010 (EN)**

Application

**EP 09832539 A 20091210**

Priority

- US 2009067503 W 20091210
- US 20142008 P 20081210

Abstract (en)

[origin: WO2010068758A1] Provided are methods for producing a reprogrammed fibroblast. The methods can include growing a plurality of fibroblasts in monolayer culture to confluency; and disrupting the monolayer culture to place at least a fraction of the plurality of fibroblasts into suspension culture under conditions sufficient to form one or more embryoid body-like spheres, wherein the one or more embryoid body-like spheres comprise one or more reprogrammed fibroblasts that express one or more markers not expressed by a fibroblast growing in the monolayer culture prior to the disrupting step. Also provided are reprogrammed fibroblasts produced by the disclosed methods, formulations that include reprogrammed fibroblasts, and methods for treating an injury to a tissue in a subject by administering to a subject in need thereof a composition of reprogrammed fibroblast cells in a pharmaceutically acceptable carrier.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- See references of WO 2010068758A1

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US10426814B2; US11116815B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**WO 2010068758 A1 20100617**; AU 2009324641 A1 20110728; EP 2376625 A1 20111019; EP 2376625 A4 20121010

DOCDB simple family (application)

**US 2009067503 W 20091210**; AU 2009324641 A 20091210; EP 09832539 A 20091210