

Title (en)
DEVICE AND METHOD FOR MULTIDIMENSIONAL CELL CULTURE

Title (de)
VORRICHTUNG UND VERFAHREN ZUR MULTIDIMENSIONALEN ZELLKULTUR

Title (fr)
DISPOSITIF ET PROCÉDÉ DE CULTURE CELLULAIRE MULTIDIMENSIONNELLE

Publication
EP 3906299 A4 20221019 (EN)

Application
EP 20736006 A 20200104

Priority

- IN 201911000546 A 20190104
- IN 2020050011 W 20200104

Abstract (en)
[origin: WO2020141559A2] The present invention discloses a device and method for multidimensional cell culture, a more particularly three-dimension (3D) and four-dimension (4D) device and method. The device and method of the present invention comprises growing cells as spheroids/tissueoids on non-woven fabric scaffold to create 3D tissue-like structures. The fourth dimension is provided by ability of the system to generate the 3D tissueoids in a much less time span and their ability to grow for extended period of time, even for greater than one year. The present invention also provides methods of use for analysis of cell-drug sensitivity of the device. Further, the invention provides a device for growth and drug sensitivity characterization of cells.

IPC 8 full level
C12M 3/00 (2006.01); **C12M 3/04** (2006.01)

CPC (source: EP KR)
C12M 21/08 (2013.01 - KR); **C12M 25/14** (2013.01 - KR); **C12N 5/0062** (2013.01 - KR); **G01N 33/5011** (2013.01 - EP KR); **G01N 33/5082** (2013.01 - EP KR); **C12N 2533/30** (2013.01 - KR)

Citation (search report)

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Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2020141559 A2 20200709; WO 2020141559 A3 20200917; CA 3125540 A1 20200709; EP 3906299 A2 20211110; EP 3906299 A4 20221019; JP 2022516905 A 20220303; KR 20210124233 A 20211014

DOCDB simple family (application)
IN 2020050011 W 20200104; CA 3125540 A 20200104; EP 20736006 A 20200104; JP 2021538765 A 20200104; KR 20217024605 A 20200104