Title (en)

METHOD AND DEVICE FOR PRODUCING A CELL CULTURE OF HUMAN OR ANIMAL CELLS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN EINER ZELLKULTUR AUS MENSCHLICHEN ODER TIERISCHEN ZELLEN

Title (fr)

PROCÉDÉ ET DISPOSITIF SERVANT À PRODUIRE UNE CULTURE DE CELLULES À PARTIR DE CELLULES D'ORIGINE HUMAINE OU ANIMALE

Publication

EP 2978838 A1 20160203 (DE)

Application

EP 14713437 A 20140325

Priority

- DE 102013005198 A 20130325
- EP 2014055940 W 20140325

Abstract (en)

[origin: WO2014154679A1] The invention relates to a method for producing a cell culture (9) of human or animal cells, more particularly mammalian cells, for the purpose of implementing medical or pharmacological assays. In accordance with the invention, the method comprises at least the following steps: inserting a substrate (3) of microbially produced cellulose into a vessel (1); introducing a nutrient solution (2) into the vessel (1); applying human or animal cells (4) to the substrate (3); conditioning of the vessel contents to approximately body temperature; and waiting until the substrate (3) is completely covered by a cell lawn (5), i.e. confluence has been reached. Medical or pharmacological assays can then be carried out on the cell culture (9) thus produced.

IPC 8 full level

C12N 5/00 (2006.01)

CPC (source: EP US)

C12M 23/12 (2013.01 - EP US); **C12M 37/04** (2013.01 - EP US); **C12N 5/0068** (2013.01 - EP US); C12N 2533/78 (2013.01 - EP US)

Citation (search report)

See references of WO 2014154679A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102013005198 A1 20140925; **DE 102013005198 B4 20160519**; CN 105051182 A 20151111; EP 2978838 A1 20160203; US 2016024462 A1 20160128; WO 2014154679 A1 20141002

DOCDB simple family (application)

DE 102013005198 A 20130325; CN 201480017563 A 20140325; EP 14713437 A 20140325; EP 2014055940 W 20140325; US 201414778664 A 20140325