

Title (en)
PERFUSION BIOREACTOR SYSTEMS AND METHODS OF OPERATING THE SAME

Title (de)
PERFUSIONS BIOREAKTOR SYSTEME UND BETRIEBSVERFAHREN DAFÜR

Title (fr)
SYSTÈMES DE BIORÉACTEUR DE PERFUSION ET PROCÉDÉS D'EXPLOITATION DE CES SYSTÈMES

Publication
EP 2804943 A1 20141126 (EN)

Application
EP 13701545 A 20130115

Priority
• US 201261587940 P 20120118
• US 2013021533 W 20130115

Abstract (en)
[origin: WO2013109520A1] A perfusion bioreactor system including a cell aggregate trap is provided. The cell aggregate trap is configured to remove cell aggregates (e.g., clumps or aggregates of greater than about 10 cells) from the perfusion bioreactor system. In some embodiments, the cell aggregate trap has a sedimentation chamber and a side flow chamber allowing cell aggregates to settle out and be removed and discarded. Methods of operating the perfusion bioreactor system having a cell aggregate trap are provided, as are numerous other embodiments.

IPC 8 full level
C12M 3/00 (2006.01)

CPC (source: CN EP)
C12M 29/10 (2013.01 - CN EP); **C12M 33/22** (2013.01 - EP); **C12M 47/02** (2013.01 - CN EP); **C12M 47/10** (2013.01 - CN EP)

Citation (search report)
See references of WO 2013109520A1

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 2013109520 A1 20130725; CA 2861270 A1 20130725; CA 2861270 C 20210803; CN 104160013 A 20141119; CN 104160013 B 20170728; EP 2804943 A1 20141126; HK 1199056 A1 20150619; JP 2015503929 A 20150205; JP 6227562 B2 20171108

DOCDB simple family (application)
US 2013021533 W 20130115; CA 2861270 A 20130115; CN 201380006057 A 20130115; EP 13701545 A 20130115; HK 14112683 A 20141218; JP 2014553341 A 20130115