

Title (en)  
ACOUSTIC PROCESSING FOR CELL AND GENE THERAPY

Title (de)  
AKUSTISCHE VERARBEITUNG FÜR ZELL- UND GENTHERAPIE

Title (fr)  
TRAITEMENT ACOUSTIQUE POUR THÉRAPIE CELLULAIRE ET GÉNIQUE

Publication  
**EP 3737738 A4 20210505 (EN)**

Application  
**EP 19738317 A 20190109**

Priority

- US 201862615420 P 20180109
- US 201862617074 P 20180112
- US 201815916270 A 20180308
- US 201815942427 A 20180330
- US 201815942316 A 20180330
- US 201815963809 A 20180426
- US 201862668777 P 20180508
- US 201815983823 A 20180518
- US 201816010296 A 20180615
- US 201816124184 A 20180906
- US 2019012950 W 20190109

Abstract (en)  
[origin: WO2019140019A1] A closed and modular fluidic system composed of one or more acoustic elements and cell processing reagents. The system employs a cellular manufacturing process for producing cell and gene therapy therapeutics.

IPC 8 full level  
**C12M 1/00** (2006.01); **B01D 21/28** (2006.01); **B02C 19/00** (2006.01); **B02C 19/18** (2006.01); **C12M 1/26** (2006.01); **C12N 5/078** (2010.01); **C12N 13/00** (2006.01)

CPC (source: EP)  
**B01D 21/28** (2013.01); **C12M 33/22** (2013.01); **C12M 47/10** (2013.01); **C12N 13/00** (2013.01); **B01D 15/1807** (2013.01)

Citation (search report)

- [X] US 2017137774 A1 20170518 - LIPKENS BART [US], et al
- [X] US 2013309757 A1 20131121 - KIM SUNG-CHUN [KR]
- [A] WO 2017192760 A1 20171109 - FLODESIGN SONICS INC [US]
- See also references of WO 2019140019A1

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 2019140019 A1 20190718; WO 2019140019 A8 20200827**; CN 111630146 A 20200904; EP 3737738 A1 20201118; EP 3737738 A4 20210505

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**US 2019012950 W 20190109**; CN 201980007864 A 20190109; EP 19738317 A 20190109