

Title (en)
DEVICES AND METHODS FOR SEQUENCING

Title (de)
VORRICHTUNGEN UND VERFAHREN ZUR SEQUENZIERUNG

Title (fr)
DISPOSITIFS ET PROCÉDÉS DE SÉQUENÇAGE

Publication
EP 4132674 A4 20240529 (EN)

Application
EP 21792373 A 20210421

Priority

- US 202063014087 P 20200422
- US 202063014071 P 20200422
- US 202063014093 P 20200422
- US 202063014106 P 20200422
- US 202163139348 P 20210120
- US 202163139339 P 20210120
- US 202163139346 P 20210120
- US 202063041206 P 20200619
- US 202163139343 P 20210120
- US 2021028471 W 20210421

Abstract (en)
[origin: WO2021216763A1] Methods and devices for preparing target molecules (e.g., target nucleic acids or target proteins) from a biological sample are provided herein. In some embodiments, methods and devices involve sample lysis, sample fragmentation, enrichment of target molecule(s), and/or functionalization of target molecule(s).

IPC 8 full level
B01D 17/00 (2006.01); **B01D 17/06** (2006.01); **B01D 57/02** (2006.01); **B01J 19/08** (2006.01)

CPC (source: EP KR)
B01D 17/06 (2013.01 - EP KR); **C12Q 1/6806** (2013.01 - KR); **G01N 33/6818** (2013.01 - EP KR); **B01L 2200/10** (2013.01 - EP KR); **B01L 2200/16** (2013.01 - EP KR); **B01L 2400/0481** (2013.01 - EP KR); **C12Q 1/6806** (2013.01 - EP); **C12Q 2535/122** (2013.01 - KR); **C12Q 2537/159** (2013.01 - KR); **C12Q 2565/629** (2013.01 - KR)

C-Set (source: EP)
C12Q 1/6806 + C12Q 2535/122 + C12Q 2537/159 + C12Q 2565/629

Citation (search report)

- [X1] US 2019212233 A1 20190711 - JOVANOVIĆ STEVAN [US], et al
- [XA] US 2002022261 A1 20020221 - ANDERSON ROLFE C [US], et al
- [XA] US 2010273142 A1 20101028 - PRINS MENNO WILLEM JOSE [NL], et al
- [XA] WO 2016065300 A1 20160428 - ESHOO MARK W [US], et al
- [XA] AYSE NUR POLAT ET AL: "Fully automated isotopic dimethyl labeling and phosphopeptide enrichment using a microfluidic HPLC phosphochip", ANALYTICAL AND BIOANALYTICAL CHEMISTRY, SPRINGER, BERLIN, DE, vol. 404, no. 8, 14 September 2012 (2012-09-14), pages 2507 - 2512, XP035127370, ISSN: 1618-2650, DOI: 10.1007/S00216-012-6395-7
- See also references of WO 2021216763A1

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DOCDB simple family (publication)
WO 2021216763 A1 20211028; AU 2021261356 A1 20221215; CA 3177368 A1 20211028; CN 115916365 A 20230404; EP 4132674 A1 20230215; EP 4132674 A4 20240529; JP 2023523592 A 20230606; KR 20220159496 A 20221202

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US 2021028471 W 20210421; AU 2021261356 A 20210421; CA 3177368 A 20210421; CN 202180044778 A 20210421; EP 21792373 A 20210421; JP 2022564326 A 20210421; KR 20227040672 A 20210421