

Title (en)  
NEGATIVE-POSITIVE ENRICHMENT FOR NUCLEIC ACID DETECTION

Title (de)  
NEGATIV-POSITIVE ANREICHERUNG FÜR DEN NACHWEIS VON NUKLEINSÄUREN

Title (fr)  
ENRICHISSEMENT NÉGATIF-POSITIF POUR LA DÉTECTION D'ACIDES NUCLÉIQUES

Publication  
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Application  
**EP 18817717 A 20180613**

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- US 201762519051 P 20170613
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- US 201762568121 P 20171004
- US 201815877619 A 20180123
- US 201862656592 P 20180412
- US 2018037277 W 20180613

Abstract (en)  
[origin: WO2018231945A1] The invention provides methods of detecting a feature of interest in a nucleic acid sample by negatively and positively enriching the sample for segments that contain the feature of interest. Negative enrichment may include digestion of nucleic acids that do not contain the segments, and positive enrichment may include purification of the segments. The methods are useful for diagnostic of genetic elements, e.g., elements indicative of cancer.

IPC 8 full level  
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CPC (source: EP)  
**C12Q 1/68** (2013.01); **C12Q 1/6827** (2013.01)

Citation (search report)

- [E] WO 2019030306 A1 20190214 - DEPIXUS [FR]
- [E] WO 2019178577 A1 20190919 - TWINSTRAND BIOSCIENCES INC [US]
- [Y] WO 2016028887 A1 20160225 - PACIFIC BIOSCIENCES CALIFORNIA [US]
- [Y] EP 3150718 A1 20170405 - TOOLGEN INC [KR], et al
- [Y] WO 2017031360 A1 20170223 - ARC BIO LLC [US]
- [T] RICHARD C. STEVENS ET AL: "A novel CRISPR/Cas9 associated technology for sequence-specific nucleic acid enrichment", PLOS ONE, vol. 14, no. 4, 18 April 2019 (2019-04-18), pages e0215441, XP055751103, DOI: 10.1371/journal.pone.0215441
- [T] JENNIFER L. STEELE ET AL: "Novel CRISPR-based sequence specific enrichment methods for target loci and single base mutations", PLOS ONE, vol. 15, no. 12, 23 December 2020 (2020-12-23), pages e0243781, XP055768725, DOI: 10.1371/journal.pone.0243781
- See references of WO 2018231945A1

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