Title (en)

MULTIPORE DETERMINATION OF FRACTIONAL ABUNDANCE OF POLYNUCLEOTIDE SEQUENCES IN A SAMPLE

Title (de)

MULTIPORENBESTIMMUNG DER FRAKTIONIERTEN ABUNDANZ VON POLYNUKLEOTIDSEQUENZEN IN EINER PROBE

Title (fr)

DÉTERMINATION PAR MULTIPORES DE L'ABONDANCE FRACTIONNAIRE DE SÉQUENCES POLYNUCLÉOTIDIQUES DANS UN ÉCHANTILLON

Publication

EP 3959331 A1 20220302 (EN)

Application

EP 19925663 A 20190422

Priority

US 2019028518 W 20190422

Abstract (en)

[origin: WO2020219011A1] Disclosed herein are methods and compositions for determining an improved estimate of the fractional abundance of target analytes (e.g., specific polynucleotide sequences) in a sample using a nanopore sensor having one or more nanopores-, e.g., by correcting errors inherent to identifying and correlating electrical signals to amounts of a target analyte or reference analyte in a sample.

IPC 8 full level

C12Q 1/68 (2018.01); **G01N 27/447** (2006.01); **G01N 27/49** (2006.01)

CPC (source: EP KR)

C12Q 1/68 (2013.01 - EP KR); **G01N 27/447** (2013.01 - KR); **G01N 27/49** (2013.01 - KR); **G01N 33/48721** (2013.01 - KR); C12Q 2565/631 (2013.01 - KR); G01N 33/48721 (2013.01 - EP)

Citation (search report)

See references of WO 2020219011A1

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)

WO 2020219011 A1 20201029; CN 113966403 A 20220121; EP 3959331 A1 20220302; JP 2022530016 A 20220627; KR 20220011639 A 20220128

DOCDB simple family (application)

US 2019028518 W 20190422; CN 201980097297 A 20190422; EP 19925663 A 20190422; JP 2021562858 A 20190422; KR 20217038017 A 20190422