

Title (en)

METHOD AND SYSTEMS FOR IDENTIFYING A SEQUENCE OF MONOMER UNITS OF A BIOLOGICAL OR SYNTHETIC HETEROPOLYMER

Title (de)

VERFAHREN UND SYSTEME ZUR IDENTIFIKATION EINER SEQUENZ VON MONOMERBAUSTEINEN EINES BIOLOGISCHEN ODER SYNTHETISCHEN HETEROPOLYMERS

Title (fr)

PROCÉDÉ ET SYSTÈMES D'IDENTIFICATION D'UNE SÉQUENCE D'ÉLÉMENTS MONOMÈRES D'UN HÉTÉROPOLYMIÈRE BIOLOGIQUE OU SYNTHÉTIQUE

Publication

EP 4278180 A1 20231122 (DE)

Application

EP 22702887 A 20220118

Priority

- DE 102021200425 A 20210118
- EP 2022050990 W 20220118

Abstract (en)

[origin: CA3207733A1] The present invention relates to a method for identifying a sequence of monomer units of a biological or synthetic heteropolymer. The invention also relates to the use of a nanopore to identify a sequence of monomer units of a biological or synthetic heteropolymer. The invention also relates to a computer-implemented method, a computer program code and a data-processing system for identifying a sequence of monomer units of a biological or synthetic heteropolymer.

IPC 8 full level

G01N 33/487 (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP US)

C07K 1/128 (2013.01 - EP); **G01N 33/6824** (2013.01 - EP US); **G01N 33/48721** (2013.01 - EP); **G01N 2333/96433** (2013.01 - US)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102021200425 A1 20220721; CA 3207733 A1 20220721; EP 4278180 A1 20231122; US 2024077491 A1 20240307;
WO 2022152933 A1 20220721

DOCDB simple family (application)

DE 102021200425 A 20210118; CA 3207733 A 20220118; EP 2022050990 W 20220118; EP 22702887 A 20220118;
US 202218261248 A 20220118