Title (en)

METHOD AND SYSTEM FOR DETERMINING THE PRESENCE AND/OR AMOUNT OF AT LEAST ONE ANALYTE THAT MAY BE CONTAINED IN A SAMPLE

Title (de)

VERFAHREN UND SYSTEM ZUR BESTIMMUNG DER ANWESENHEIT UND/ODER MENGE VON MINDESTENS EINEM ANALYT, DER IN EINER PROBE ENTHALTEN SEIN KANN

Title (fr)

PROCÉDÉ ET SYSTÈME POUR LA DÉTERMINATION DE LA PRÉSENCE ET/OU DE LA QUANTITÉ D'AU MOINS UN ANALYTE SUSCEPTIBLE D'ÊTRE CONTENU DANS UN ÉCHANTILLON

Publication

EP 4158341 A1 20230405 (FR)

Application

EP 21728199 A 20210520

Priority

- FR 2005578 A 20200527
- EP 2021063546 W 20210520

Abstract (en)

[origin: WO2021239588A1] The present invention relates to a method for determining the presence and/or amount of at least one analyte (T) that may be contained in a sample. The method comprises: (a) a recognition step during which said sample (E) is placed in the presence of at least one primary probe (1), in order to form, if necessary, a primary complex (C1), (b) a development step during which at least one developing reagent is added, capable of forming, starting from the primary probe (1) of said primary complex (C1), a secondary complex (C2), said at least one developing reagent comprising: - at least one amplification probe (3), of the core (31) – shell (32) type, wherein said shell (32) comprises several molecules of an affinity tag (321), and - a tracer (21) for converting the secondary complex (C2) into a visible and/or measurable signal, said tracer (21) being bound or intended to bind with the affinity tag (321) of said at least one amplification probe (3), so that in said secondary complex (C2) at least some of the molecules of said affinity tag (321) of said at least one amplification probe (3) are bound with said tracer (21).

IPC 8 full level

G01N 33/532 (2006.01); **G01N 33/543** (2006.01); **G01N 33/569** (2006.01)

CPC (source: EP)

G01N 33/532 (2013.01); **G01N 33/54313** (2013.01); **G01N 33/56983** (2013.01)

Citation (search report)

See references of WO 2021239588A1

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)

FR 3110971 A1 20211203; EP 4158341 A1 20230405; WO 2021239588 A1 20211202

DOCDB simple family (application)

FR 2005578 A 20200527; EP 2021063546 W 20210520; EP 21728199 A 20210520