

(12) International Application Status Report

Received at International Bureau: 29 September 2018 (29.09.2018)

Information valid as of: 23 November 2018 (23.11.2018)

Report generated on: 24 January 2021 (24.01.2021)

(10) Publication number:

WO2019/055622

(43) Publication date:

21 March 2019 (21.03.2019)

(26) Publication language:

English (EN)

(21) Application Number:

PCT/US2018/050834

(22) Filing Date:

13 September 2018 (13.09.2018)

(25) Filing language:

English (EN)

(31) Priority number(s):

62/558,543 (US)

(31) Priority date(s):

14 September 2017 (14.09.2017)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

G01N 33/50 (2006.01); G01N 33/53 (2006.01); G01N 33/543 (2006.01); C12Q 1/68 (2018.01)

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(54) Title (EN): ADHESIVE-POLYMER CONTAINING MEMBRANES FOR IN VITRO DIAGNOSTIC DEVICES

(54) Title (FR): MEMBRANES CONTENANT UN POLYMÈRE ADHÉSIF DESTINÉES À DES DISPOSITIFS DE DIAGNOSTIC IN VITRO

(57) Abstract:

(EN): *In vitro* diagnostic sensors are disclosed that include membranes formed of a polymer matrix that has been modified to contain surface adhesion functional group(s) that enables attachment of the membrane to a substrate of the sensor. Also disclosed are membranes of these sensors as well as multi-sensor arrays that include multiple sensors. In addition, methods of producing and using these membranes, sensors, and arrays are disclosed.

(FR): L'invention concerne des capteurs pour le diagnostic *in vitro* qui comprennent des membranes formées d'une matrice polymère qui a été modifiée pour contenir un ou des groupe(s) fonctionnel(s) d'adhésion de surface qui permettent la fixation de la membrane sur un substrat du capteur. L'invention concerne également des membranes de ces capteurs ainsi que des réseaux multi-capteurs qui comprennent de multiples capteurs. De plus, l'invention concerne des procédés de production et des méthodes d'utilisation de ces membranes, capteurs et réseaux.

International search report:

Received at International Bureau: 19 November 2018 (19.11.2018) [US]

International Report on Patentability (IPRP) Chapter II of the PCT:

Not available

(81) Designated States:

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA,

PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

European Patent Office (EPO) : AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM