

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(10) International Publication Number
WO 2021/214037 A1

(43) International Publication Date
28 October 2021 (28.10.2021)

(51) International Patent Classification:

G03F 7/00 (2006.01) G03F 7/075 (2006.01)
G03F 7/027 (2006.01) C12Q 1/68 (2018.01)
G03F 7/038 (2006.01) G01N 21/00 (2006.01)

(21) International Application Number:

PCT/EP2021/060196

(22) International Filing Date:

20 April 2021 (20.04.2021)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

63/015,259 24 April 2020 (24.04.2020) US

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(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): 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, IT, 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, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (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), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: FLOW CELLS

(57) Abstract: An example of a flow cell includes a substrate and a cured, patterned resin on the substrate. The cured, patterned resin has nano-depressions separated by interstitial regions. Each nano-depression has a largest opening dimension ranging from about 10 nm to about 1000 nm. The cured, patterned resin also includes an interpenetrating polymer network. The interpenetrating polymer network of the cured, patterned resin includes an epoxy-based polymer and a (meth)acryloyl-based polymer.

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