

(12) International Application Status Report

Received at International Bureau: 16 August 2017 (16.08.2017)

Information valid as of: 14 December 2018 (14.12.2018)

Report generated on: 26 August 2019 (26.08.2019)

(10) Publication number:

WO2019/000568

(43) Publication date:

03 January 2019 (03.01.2019)

(26) Publication language:

Chinese (ZH)

(21) Application Number:

PCT/CN2017/096347

(22) Filing Date:

08 August 2017 (08.08.2017)

(25) Filing language:

Chinese (ZH)

(31) Priority number(s):

201710524276.3 (CN)

(31) Priority date(s):

30 June 2017 (30.06.2017)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

G09G 3/00 (2006.01)

(71) Applicant(s):

WUHAN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD [CN/CN]; TAN, Yu Building C5 Biolake of Optics Valley, No.666 Gaoxin Avenue, East Lake High-tech Development Zone Wuhan, Hubei 430079 (CN) *(for all designated states)*

(72) Inventor(s):

HUANG, Yaoli; TAN, Yu Building C5 Biolake of Optics Valley, No.666 Gaoxin Avenue, East Lake High-tech Development Zone Wuhan, Hubei 430079 (CN)

HE, Xinglong; TAN, Yu Building C5 Biolake of Optics Valley, No.666 Gaoxin Avenue, East Lake High-tech Development Zone Wuhan, Hubei 430079 (CN)

(74) Agent(s):

ESSEN PATENT & TRADEMARK AGENCY; Hailun Complex Block A Room 1709-1711 No.6021 Shennan Blvd, Futian District Shenzhen, Guangdong 518040 (CN)

(54) Title (EN): EMBEDDED TOUCH SCREEN TESTING CIRCUIT

(54) Title (FR): CIRCUIT INTÉGRÉ DE TEST D'ÉCRAN TACTILE

(54) Title (ZH): 内嵌式触摸屏测试电路

(57) Abstract:

(EN): An embedded touch screen testing circuit, comprising: a plurality of cascaded scanning circuits (203, 303); the scanning circuits (203, 303) at least comprising: a test signal input terminal (204, 304) and a test signal output terminal (205, 305), correspondingly connected to a touch control electrode (202, 302) by means of a first signal line (208, 308), in order to input a test signal to a corresponding touch control electrode (202, 302); and a short circuit feedback terminal (206, 306), connected to the touch control electrode (202, 302) connected to the test signal output terminal (205, 305) of the preceding scanning circuit (203, 303) by means of a second signal line (209, 309).

(FR): L'invention concerne un circuit intégré de test d'écran tactile qui comprend : une pluralité de circuits de balayage en cascade (203, 303); les circuits de balayage (203, 303) comprenant au moins : une borne d'entrée de signal de test (204, 304) et une borne de sortie de signal de test (205, 305), raccordées de manière correspondante à une électrode de commande tactile (202, 302) au moyen d'une première ligne de signal (208, 308), afin d'entrer un signal de test dans une électrode de commande tactile correspondante (202, 302); et une borne de rétroaction de court-circuit (206, 306), raccordée à l'électrode de commande tactile (202, 302) raccordée à la borne de sortie de signal de test (205, 305) du précédent circuit de balayage (203, 303) au moyen d'une seconde ligne de signal (209, 309).

(ZH): 一种内嵌式触控屏测试电路,包括:级联的多个扫描电路(203,303);扫描电路(203,303)至少包括:一测试信号输入端(204,304),一测试信号输出端(205,305),通过第一信号线(208,308)对应连接一触控电极(202,302),用以将测试信号输入至相应的触控电极(202,302);以及一短路反馈端(206,306),通过第二信号线(209,309)连接上一级的扫描电路(203,303)的测试信号输出端(205,305)所连接的触控电极(202,302)。

International search report:

Received at International Bureau: 28 March 2018 (28.03.2018) [CN]

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