

(12) International Application Status Report

Received at International Bureau: 16 July 2018 (16.07.2018)

Information valid as of: 11 January 2019 (11.01.2019)

Report generated on: 23 April 2019 (23.04.2019)

(10) Publication number:

WO2019/027599

(43) Publication date:

07 February 2019 (07.02.2019)

(26) Publication language:

English (EN)

(21) Application Number:

PCT/US2018/040135

(22) Filing Date:

28 June 2018 (28.06.2018)

(25) Filing language:

English (EN)

(31) Priority number(s):

15/665,212 (US)

(31) Priority date(s):

31 July 2017 (31.07.2017)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

G05F 1/565 (2006.01)

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(54) Title (EN): POWER NOISE INJECTION TO CONTROL RATE OF CHANGE OF CURRENT

(54) Title (FR): INJECTION DE BRUIT DE PUISSANCE POUR COMMANDER LE TAUX DE CHANGEMENT DE COURANT

(57) Abstract:

(EN): An apparatus is provided which comprises: a component; a voltage generator to supply load current to the component; first one or more circuitries to predict that the load current is to increase from a first time; and second one or more circuitries to, in anticipation of the increase in the load current from the first time, cause the component to execute first instructions during a time period that occurs prior to the first time.

(FR): La présente invention concerne un appareil qui comprend : un composant ; un générateur de tension destiné à fournir un courant de charge au composant ; un ou plusieurs premiers ensembles de circuits destinés à prédire que le courant de charge doit augmenter à partir d'un premier moment ; et un ou plusieurs seconds ensembles de circuits destinés, en anticipation de l'augmentation du courant de charge à partir du premier moment, à contraindre le composant à exécuter des premières instructions pendant une période de temps qui se produit avant le premier moment.

International search report:

Received at International Bureau: 03 December 2018 (03.12.2018) [KR]

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

Declarations:

Declaration made as to the identity of the inventor (PCT Rules 4.17(i) and 51bis.1(a)(i))

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America