

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
05 December 2024 (05.12.2024)



(10) International Publication Number
WO 2024/246651 A1

(51) International Patent Classification:

G06F 18/21 (2023.01) G06V 20/60 (2022.01)
G06V 10/40 (2022.01) H02S 50/15 (2014.01)

(21) International Application Number:

PCT/IB2024/054670

(22) International Filing Date:

14 May 2024 (14.05.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

202321037692 31 May 2023 (31.05.2023) IN

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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, CV, CZ, DE, DJ, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG,
KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY,
MA, MD, MG, MK, MN, MU, 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.

(54) Title: SYSTEM AND METHOD FOR DETECTING BRIGHT SPOTS IN PHOTO-VOLTAIC SOLAR PANEL

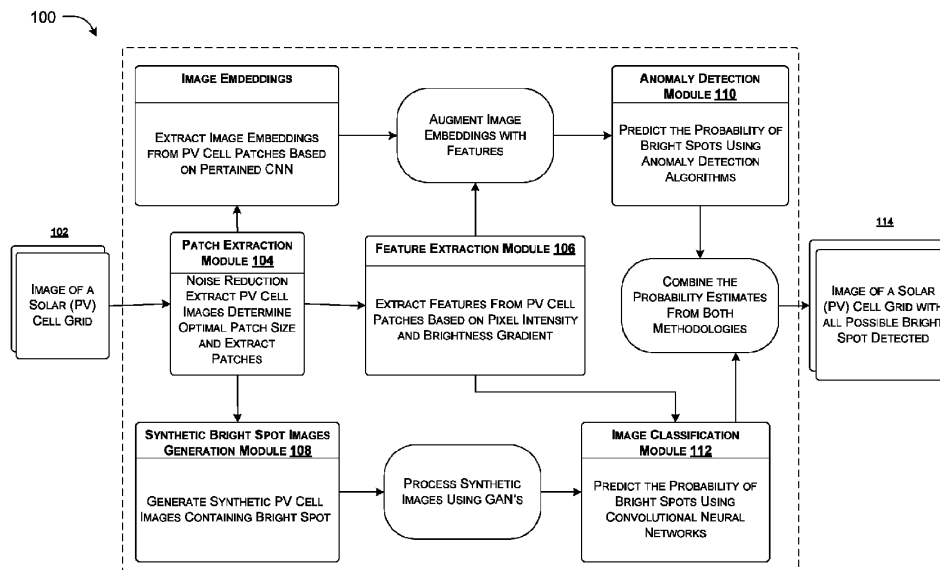


FIG. 1

(57) Abstract: The present disclosure relates to a system and a method for detecting bright spots in a Photo- Voltaic (PV) solar panel. The system receives an electroluminescence (EL) image of a PV solar panel, extract one or more optimal patches from the received EL image of the PV solar panel, extract one or more features from the extracted one or more optimal patches, generate 5 one or more synthetic bright spots to train a classification model based on the extracted one or more features, and detect bright spots in the PV solar panel via the classification model.

[Continued on next page]

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, 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, ME, 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))*
- *in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE*