



(51) International Patent Classification:

H02S 40/20 (2014.01) *B64G 1/44* (2006.01)
H02S 40/22 (2014.01) *H02J 50/30* (2016.01)
H02S 99/00 (2014.01) *B64U 50/34* (2023.01)
B64G 1/42 (2006.01)

(21) International Application Number:

PCT/US2023/026775

(22) International Filing Date:

30 June 2023 (30.06.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/368,534 15 July 2022 (15.07.2022) US
18/345,343 30 June 2023 (30.06.2023) US

(71) Applicant: **OVERVIEW ENERGY INC.** [US/US]; 440 N
Barranca Ave, #3578, Covina, California 91723 (US).

(72) Inventor: **BERTE, Marc**; 440 N Barranca Ave, #3578,
Covina, California 91723 (US).

(74) Agent: **KAMLAY, Aaron** et al.; 1909 K Street, NW, Suite
500, Washington, District of Columbia 20006 (US).

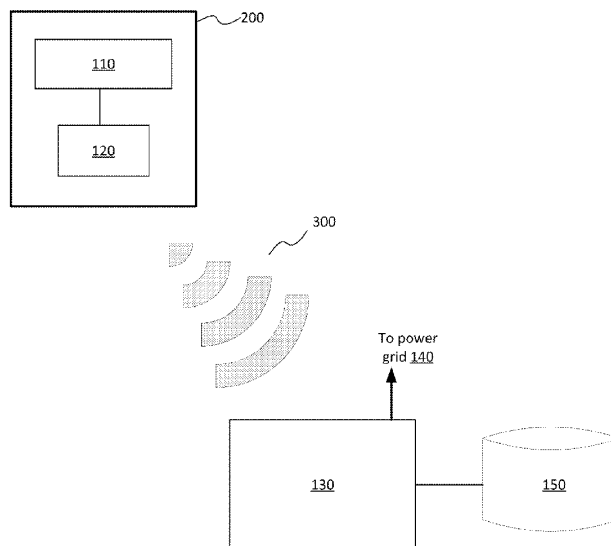
(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IQ, 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.

(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,

(54) Title: SPACE-BASED SOLAR POWER SYSTEM

FIG. 1

10



(57) Abstract: Implementations of the disclosed subject matter provides a system having an artificial light source disposed at a distance from earth or other celestial body, where the artificial light source is configured to project one or more beams of light onto the earth or other celestial body. The system may include a photovoltaic array disposed in an area on the earth or other celestial body that is 200 m – 20 km or more in any one dimension that is configured to receive the projected one or more beams of light and is configured to convert the received one or more beams of light into electricity.

[Continued on next page]

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))*