



(51) International Patent Classification:
H01L 31/045 (2006.01)

(21) International Application Number:
PCT/IT2011/000028

(22) International Filing Date:
3 February 2011 (03.02.2011)

(25) Filing Language: Italian

(26) Publication Language: English

(30) Priority Data:
RM2010U000015 4 February 2010 (04.02.2010) IT

(71) Applicant (for all designated States except US): **PRO D3 s.r.l.** [IT/IT]; Via Fabio Numerio, 46, I - 00187 Roma (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **Sentinelli Sergio** [IT/IT]; Via dei Gerani 38, I - 00036 Palestrina (RM) (IT). **D'Uffizi Marco** [IT/IT]; Via dei Cappuccini 60, I - 00036 Palestrina (RM) (IT). **Sbardella Andrea** [IT/IT]; Via Madonna dell'Aquila 60, I - 00036 Palestrina (RM) (IT).

(74) Agent: **CICCARELLO, Basilio**; c/o Ingeniis s.a.s., di Basilio Ciccarello e C., Via Antonio De Berti, 24, I - 00143 Roma (IT).

(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, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, 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.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report (Rule 48.2(g))

(54) Title: MOBILE SOLAR POWER-GENERATING SYSTEM

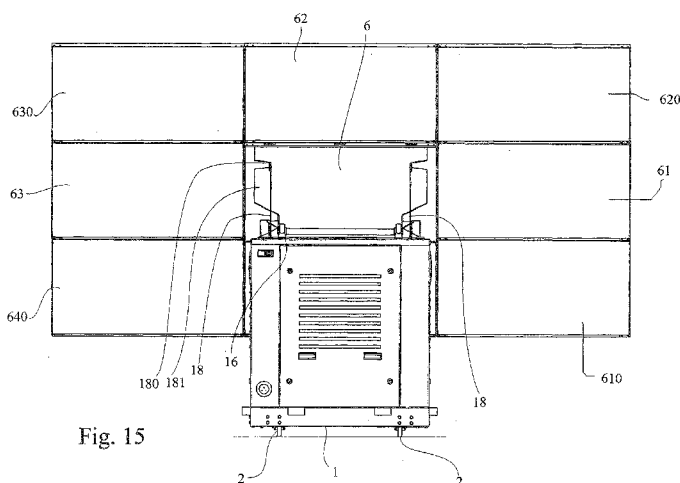


Fig. 15

(57) Abstract: A mobile solar power-generating system comprises a prismatic container (1) having a top wall (10), a bottom wall (11) and side walls. A central photovoltaic panel (6) is supported in a tiltable manner on the top wall (10) by supporting means, on each of the sides of the central photovoltaic (6) being hinged a correspondent transversal photovoltaic panel (61, 62, 63, 64) hanging downward in a rest position and being able to rotate 90 degrees upward. On a side of each transversal photovoltaic panel (61, 62, 63, 64) is hinged a side photovoltaic panel (610, 620, 630, 640) that is designed to fold down with respect to the relevant transversal photovoltaic panel (61, 62, 63, 64). Mutual engagement means are provided for keeping coplanar the transversal photovoltaic panels (61, 62, 63, 64) and the side photovoltaic panels (610, 620, 630, 640) to the central photovoltaic panel (6) when the power-generating system is in an operating position.