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- (71) Applicant: **BETTER PLACE GMBH** [CH/CH]; Industriestrasse 13C, c/o Hodel Advokatur + Notariat, CH-6304 Zug (CH).
- (71) Applicant (for VC only): **BETTER PLACE LABS ISRAEL LTD.** [IL/IL]; Afek industrial park, 13 Ha'amal St., P.O.Box 11793, 48092 Rosh-Ha'ayin (IL).

- (72) Inventors: **GENZEL, Eran**; 30 Oren St., 44813 Oranit (IL). **KAMHINE, Eli**; 19 Zamir st., 45350 Hod Hasharon (IL). **COHEN, Moti**; 23/9 Tabenkin st., 53620 Giv'atayim (IL). **STRASCHNOV, Yaron**; 77 Rotchild St., 60920 Kadima (IL).
- (74) Agent: **REINHOLD COHN AND PARTNERS**; P.O.B. 13239, 61131 Tel-Aviv (IL).
- (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, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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.
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(54) Title: SYSTEM AND METHOD FOR MANAGING ELECTRIC GRID POWER SUPPLY

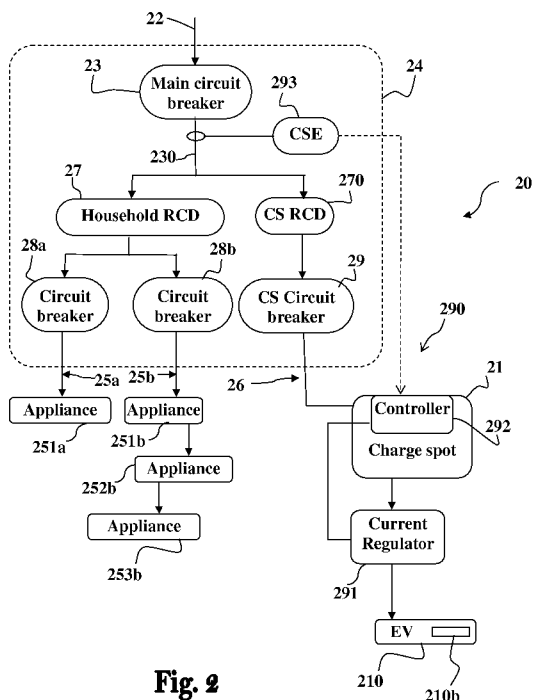


Fig. 2

(57) Abstract: The invention is generally directed to a novel car charging technique capable of monitoring, controlling and regulating the electrical energy consumed by a charge spot installed in a residential or commercial facility, to allow to dynamically adjust the electrical charging current drawn by the charge spot without tripping the breaker from which the charge spot is being fed.





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,  
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A. CLASSIFICATION OF SUBJECT MATTER  
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ADD.  
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B. FIELDS SEARCHED  
Minimum documentation searched (classification system followed by classification symbols)  
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2011/133693 A1 (LOWENTHAL RICHARD [US] ET AL) 9 June 2011 (2011-06-09)	1,3-7
Y	paragraph [0021] - paragraph [0087]; figures 1-5,8,9	2,8-21
Y	----- EP 2 282 219 A1 (RWE AG [DE]) 9 February 2011 (2011-02-09) paragraph [0040] - paragraph [0057]; figures 1-4	2,8-21
A	----- US 2011/221393 A1 (BILLMAIER JAMES A [US]) 15 September 2011 (2011-09-15) paragraph [0016] - paragraph [0036]; figures 1,2	1-21
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Further documents are listed in the continuation of Box C.

See patent family annex.

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Date of the actual completion of the international search  18 October 2013	Date of mailing of the international search report  04/11/2013
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer  Gospodinova, M

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2012/032636 A1 (BIANCO JAMES S [US]) 9 February 2012 (2012-02-09) paragraph [0003] - paragraph [0004]; figures 1-20 paragraph [0037] - paragraph [0059] -----	1-21

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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			US 2012313434 A1 13-12-2012
			US 2012319649 A1 20-12-2012
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US 2012032636	A1	09-02-2012	NONE
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