

(10) 国际公布号
WO 2012/041248 A1

(51) **国际专利分类号:**
H01R 13/66 (2006.01)

(21) **国际申请号:** PCT/CN2011/080414

(22) **国际申请日:** 2011 年 9 月 30 日 (30.09.2011)

(25) **申请语言:** 中文

(26) **公布语言:** 中文

(30) **优先权:**
61/387,982 2010 年 9 月 30 日 (30.09.2010) US

(71) **申请人 (对除美国外的所有指定国): 飓风香港有限公司 (TYPHOON HONG KONG LIMITED) [CN/CN];** 中国香港特别行政区荃湾海盛路 9 号有线电视大楼 3608-12 室, Hong Kong (CN)。

(72) **发明人; 及**

(75) **发明人/申请人 (仅对美国): 许健辉 (HUI, Kin Fai) [CN/CN];** 中国香港特别行政区荃湾海盛路 9 号有线电视大楼 3608-12 室, Hong Kong (CN)。

(74) **代理人: 深圳市顺天达专利商标代理有限公司 (SHENZHEN STANDARD PATENT & TRADE-MARK AGENT LTD.);** 中国广东省深圳市深南大

道 1056 号 银座国际大厦 810-815 室, Guangdong 518040 (CN)。

(81) **指定国 (除另有指明, 要求每一种可提供的国家保护):** 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, 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。

(84) **指定国 (除另有指明, 要求每一种可提供的地区保护):** ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), 欧亚 (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), 欧洲 (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)。

[见续页]

(54) Title: POWER DISTRIBUTION UNIT, COMMUNICATION DEVICE USED WITH SAME, AND POWER DISTRIBUTION SYSTEM

(54) 发明名称: 电源分配单元及与其配合的通讯装置、及电源分配系统

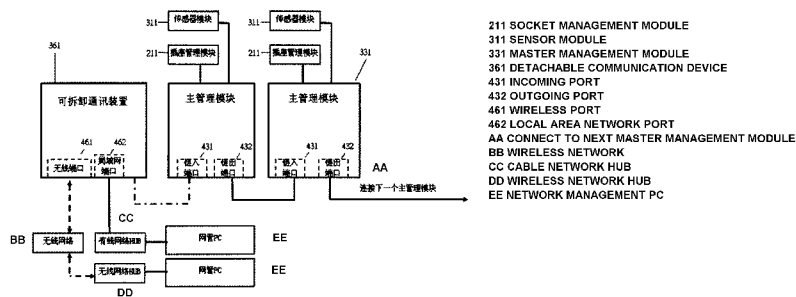


图 2 / Fig. 2

(57) Abstract: A power distribution unit, a communication device used with same, and a power distribution system. The power distribution unit comprises a master management module (331), and at least a group of socket management modules (211). The socket management module (211) is used to manage power output. The master management module (331) is connected to each socket management module (211), and is used to monitor a power output state of each socket management module (211) and control a switching state of the power output of each socket management module (211). The master management module (331) comprises an incoming port (431) and an outgoing port (432) for connection to external devices. The power distribution system comprises the power distribution unit and the communication device coordinating with the power distribution unit. The system can implement intelligent remote monitoring on the power distribution unit, and effective monitoring on a surrounding environment of the power distribution unit.

[见续页]