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(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, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, 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, SA, 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: CONTROL CIRCUIT OF BACKUP POWER SUPPLY AND CONTROL METHOD FOR CONTROL CIRCUIT

(54) 发明名称: 一种备用电源的控制电路及控制电路的控制方法

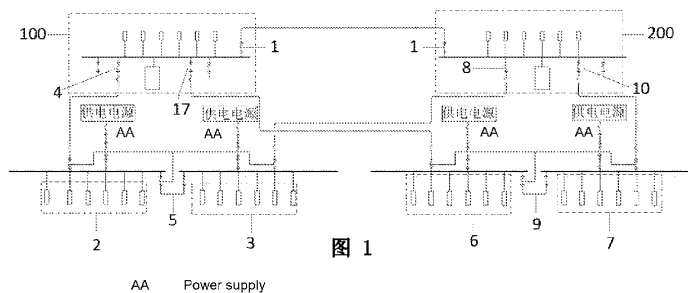


图 1

(57) Abstract: Provided are a control circuit of a backup power supply and a control method for a control circuit. The control circuit comprises: a first backup power supply and a second backup power supply; the first backup power supply is connected to the second backup power supply by means of a first bus tie switch and is correspondingly provided with at least one first load group and at least one second load group; the first backup power supply is connected to the first load group by means of a first feeder switch, and the first load group is connected to the second load group by means of a second bus tie switch; the second backup power supply is correspondingly provided with at least one third load group and at least one fourth load group, and the second backup power supply is connected to the second load group by means of a second feeder switch and is connected to the fourth load group by means of a fourth feeder switch; the third load group is connected to the first backup power supply by means of a third feeder switch and is connected to the fourth load group by means of a third bus tie switch; and when a power supply is in an abnormal state, a backup power supply may be flexibly selected to supply uninterrupted power to a load group corresponding to the power supply in the abnormal state.

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NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), 欧亚 (AM, AZ, BY, KG, KZ, 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, KM, ML, MR, NE, SN, TD, TG)。

根据细则4.17的声明：

- 关于申请人有权要求在先申请的优先权(细则4.17(iii))

本国际公布：

- 包括国际检索报告(条约第21条(3))。

(57) 摘要：本发明提供一种备用电源的控制电路及控制电路的控制方法，该控制电路包括：第一备用电源和第二备用电源；第一备用电源通过第一母联开关与第二备用电源连接，且对应设置有至少一第一负载组和至少一第二负载组，第一备用电源通过第一馈线开关与第一负载组连接，第一负载组通过第二母联开关与第二负载组连接；第二备用电源对应设置有至少一第三负载组和至少一第四负载组，第二备用电源通过第二馈线开关与第二负载组连接，通过第四馈线开关与第四负载组连接；第三负载组通过第三馈线开关与第一备用电源连接，通过第三母联开关与第四负载组连接；当有供电电源处于异常状态时，可以灵活的选择备用电源为处于异常状态的供电电源对应的负载组不间断供电。