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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, 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。

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(54) **Title:** MULTI-PROBE INTELLIGENT MICROWAVE PHYSIOTHERAPY INSTRUMENT

(54) 发明名称: 一种多头智能微波理疗仪

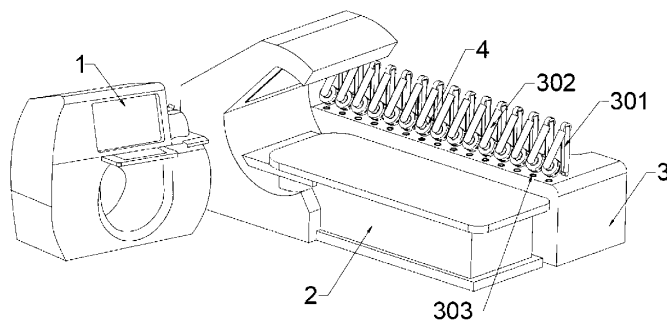


图 1

(57) **Abstract:** The present invention relates to the technical field of microwave physiotherapy instruments. Disclosed is a multi-probe intelligent microwave physiotherapy instrument. Pressure-bearing air bags are fixedly connected between the tops of physiotherapy probes and the top of an inner cavity of a protective shell. The inner side wall of a circulation plate is uniformly provided with second circulation holes, and the outer side wall of the circulation plate is sleeved with an expansion air bag, the expansion air bag communicating with the second circulation holes by means of an air conveying pipe. An air blowing disc is fixedly mounted on the bottom of the protective shell, the pressure-bearing air bags being connected to the air blowing disc by means of air guide pipes. Pressure electromagnetic valves are fixedly mounted on the air guide pipes, an electric control valve is fixedly mounted on the air conveying pipe, and air feeding one-way valves are fixedly mounted on the pressure-bearing air bags. Thus, physiotherapy assemblies can be in contact with the surface of the skin instead of the physiotherapy probes and finally can reach the state of being attached to the surface of the skin. Therefore, treatment can be uniformly applied to the physiotherapy site so as to timely reduce the heat brought to the skin surface, thereby achieving automatic cooling and preventing the skin of patients from burning.

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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)。

本国际公布:
— 包括国际检索报告(条约第21条(3))。

(57) 摘要: 本发明涉及微波理疗仪技术领域, 公开了一种多头智能微波理疗仪, 所述理疗探头顶部和防护壳内腔顶部之间固定连接有承压气囊, 所述流通板内侧壁上均匀开设有第二流通孔, 所述流通板的外侧壁上套设装配有膨胀气囊, 所述膨胀气囊通过输气管和第二流通孔连通, 所述防护壳的底部固定装配有鼓气盘, 所述承压气囊通过导气管和鼓气盘连接, 且导气管上固定装配有压力电磁阀, 输气管上固定装配有电控阀, 且所述承压气囊上固定装配有气体进气单向阀, 理疗组件则可以代替探头与皮肤表面相接触, 最终会达到与皮肤表面贴合的状态, 这样可以对此理疗部位进行均匀治疗使流到皮肤表面的温度及时降低, 进行自动降温, 防止患者皮肤灼伤。