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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, IT, 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, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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,

(54) Title: MANDIBLE ADJUSTING DEVICE

(54) 发明名称: 下颌骨调整装置

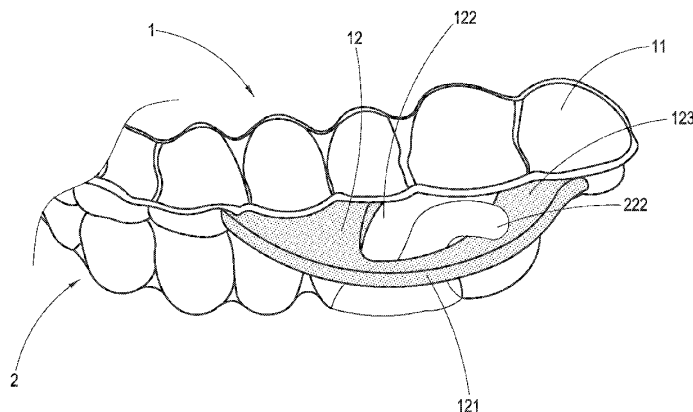


图 6A

(57) Abstract: A mandible adjusting device, comprising an upper teeth brace member (1) and a lower teeth brace member (2), wherein the upper teeth brace member (1) and the lower teeth brace member (2) are provided with an upper-teeth accommodating space (11) and a lower-teeth accommodating space (21), respectively; the upper-teeth accommodating space (11) and the lower-teeth accommodating space (21) are made according to the shape of the teeth and are respectively fitted on the upper-jaw dental arch and the lower-jaw dental arch of a human; and a mucosa protection device (12) and a positioning portion (22) extend from positions, corresponding to

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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)。

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— 包括国际检索报告(条约第21条(3))。

an upper molar area (32) and a lower molar area (42), of a side wall of each of the upper teeth brace member (1) and the lower teeth brace member (2). When the upper teeth brace member (1) and the lower teeth brace member (2) are worn, the positioning portion (22) is driven to combine with the mucosa protection device (12) and a movement displacement space is maintained, such that discomfort at the human mandibular condyle (51) due to tightening when a human mandible (5) is moved forwards and fixed is avoided, and the obstruction of the respiratory tract (8) due to the collapsing of the root of the tongue (7) can also be prevented and injuries to the oral mucosa (1011) are prevented.

(57) 摘要：一种下颌骨调整装置，包括一上牙套件(1)及一下牙套件(2)，其中上牙套件(1)及下牙套件(2)具有一上牙容置空间(11)及一下牙容置空间(21)，上牙容置空间(11)及下牙容置空间(21)依据牙齿造型所制成，分别套合于人体上颌牙弓与下颌牙弓上，而上牙套件(1)及下牙套件(2)的侧壁处对应于上臼齿区(32)与下臼齿区(42)延伸出有一黏膜保护装置(12)及一定位部(22)，当佩戴上牙套件(1)与下牙套件(2)后，驱使定位部(22)与黏膜保护装置(12)相结合，并保持一活动位移空间，使人体下颌骨(5)前移固定时，不会因紧固而造成人体下颌骨髁突(51)处的不舒适感，同时可避免舌根(7)下塌，阻塞呼吸通道(8)，及避免口腔黏膜(1011)受伤。