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- (71) 申请人: 深圳市科达利实业股份有限公司 (SHENZHEN KEDALI INDUSTRY CO., LTD.)
[CN/CN]; 中国广东省深圳市龙华区大浪街道华兴路北侧中建工业区1栋3楼 518109 (CN)。
- (72) 发明人: 励建炬 (LI, Jianju); 中国广东省深圳市龙华区大浪街道华兴路北侧中建工业区1栋3楼 518109 (CN)。
- (74) 代理人: 北京品源专利代理有限公司 (BEYOND ATTORNEYS AT LAW); 中国北京市海淀区莲花池东路39号西金大厦6层 100036 (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, 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。
- (84) 指定国(除另有指明, 要求每一种可提供的地区保护): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, 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,

(54) Title: TOP COVER PLATE AND BATTERY

(54) 发明名称: 顶盖板及电池

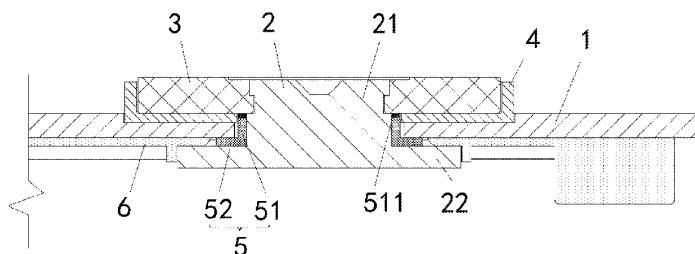


图 2

(57) Abstract: A top cover plate, comprising a polished aluminum sheet (1), a terminal post (2), a pressing block (3), upper plastic (4) and a sealing member (5), wherein the terminal post (2) sequentially passes through through-holes in the polished aluminum sheet (1), the upper plastic (4) and the pressing block (3); the upper plastic (4) is sandwiched between the polished aluminum sheet (1) and the pressing block (3); the sealing member (5) is sleeved on the terminal post (2); and the sealing member (5) comprises a tubular portion (51), a cutting ring (511) being annularly provided at a first end of the tubular portion (51) in an axial direction of the tubular portion, the cutting ring (511) being arranged between the first end of the tubular portion (51) and the pressing block (3), the hardness of the cutting ring (511) being greater than the hardness of other structures of the tubular portion (51), the cutting ring (511) abutting against the pressing block (3), and the tubular portion (51) being partially sandwiched between the terminal post (2) and an inner wall of the through-hole in the upper plastic (4), and being partially sandwiched between the terminal post (2) and an inner wall of the through-hole in the polished aluminum sheet (1).

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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: 一种顶盖板, 包括光铝片(1)、极柱(2)、压块(3)、上塑胶(4)和密封件(5), 极柱(2)依次穿过光铝片(1)、上塑胶(4)以及压块(3)上的通孔, 上塑胶(4)夹设在光铝片(1)与压块(3)之间, 密封件(5)套设在极柱(2)上, 密封件(5)包括管状部(51), 管状部(51)沿自身轴向的第一端环设有切割环(511), 切割环(511)设置于管状部(51)的第一端和压块(3)之间, 切割环(511)的硬度大于管状部(51)其余结构的硬度, 切割环(511)与压块(3)相抵接, 管状部(51)部分夹设在极柱(2)与上塑胶(4)的通孔内壁之间, 部分夹设在极柱(2)与光铝片(1)的通孔内壁之间。