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(54) **Title:** ADAPTER AND RAIL SOCKET

(54) 发明名称: 适配器及轨道插座

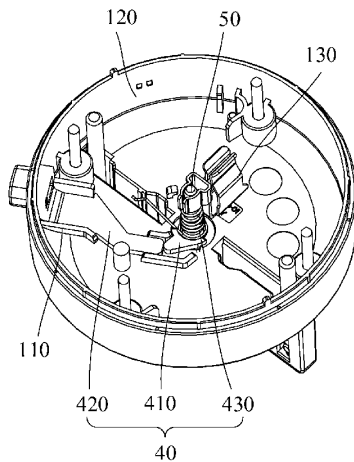


图 3

(57) **Abstract:** The present disclosure relates to the technical field of electrical devices, and discloses an adapter and a rail socket. The adapter comprises a body, a latch mechanism and a ground pin; the latch mechanism comprises a latch member, a push rod and a reset member; the latch member is rotatably connected to the body; the push rod is movably connected to the body; one end of the push rod matches the latch member, and the other end of the push rod is located outside the body; the push rod is used for driving the latch member to an unlocking position from a locking position; the reset member is connected to the latch member and the body respectively; the reset member is used for driving the latch member to the locking position from the unlocking position; and the ground pin is inserted into the latch member, and one end portion of the ground pin is located outside the body. The present disclosure is conducive to realizing the slim and lightweight design of the adapter.

[见续页]



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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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本国际公布:
— 包括国际检索报告(条约第21条(3))。

(57) 摘要: 本公开公开了一种适配器及轨道插座, 属于电气设备技术领域。该适配器, 包括本体、锁扣机构和地极插销; 锁扣机构包括锁扣件、推杆和复位件, 锁扣件与本体可转动地相连, 推杆与本体可移动地相连, 推杆的一端与锁扣件相配合, 推杆的另一端位于本体外, 推杆用于将锁扣件由锁止位置驱动至解锁位置, 复位件分别与锁扣件和本体相连, 复位件用于将锁扣件由解锁位置驱动至锁止位置; 地极插销插接在锁扣件内, 且一端部位于本体外。本公开有利于实现适配器的轻薄化设计。