

(12) 按照专利合作条约所公布的国际申请

(19) 世界知识产权组织
国际局

(43) 国际公布日
2024 年 12 月 5 日 (05.12.2024)



(10) 国际公布号
WO 2024/244328 A1

(51) 国际专利分类号:
H01R 25/14 (2006.01)

(21) 国际申请号: PCT/CN2023/133550

(22) 国际申请日: 2023 年 11 月 23 日 (23.11.2023)

(25) 申请语言: 中文

(26) 公布语言: 中文

(30) 优先权:
202310635523.2 2023年5月31日 (31.05.2023) CN
202310635524.7 2023年5月31日 (31.05.2023) CN

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(54) Title: ADAPTER AND TRACK SOCKET

(54) 发明名称: 适配器及轨道插座

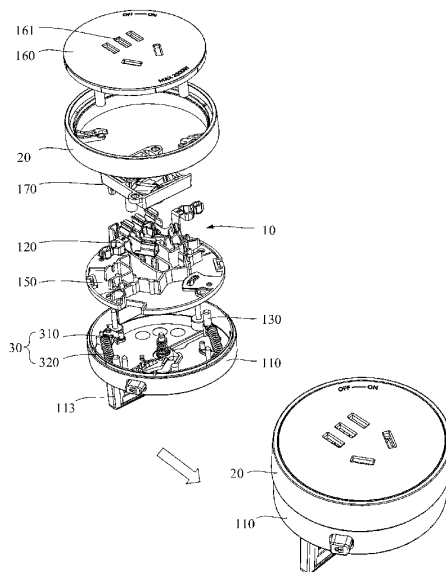


图 2

(57) Abstract: The present disclosure relates to the technical field of electrical devices. Disclosed are an adapter and a track socket. The adapter comprises a body, a rotating member, and a transmission assembly. The body comprises a housing, an inserting bushing set, a driven swing piece, and a conductive swing arm. The inserting bushing set is located in the housing. The driven swing piece is rotatably connected to the housing, and the conductive swing arm is connected to the driven swing piece, so that the conductive swing arm can stick out or retract. The rotating member is rotatably connected to the housing and located on the side of the housing facing

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本国际公布:

— 包括国际检索报告(条约第21条(3))。

away from the conductive swing arm. The transmission assembly is located in the housing, the transmission assembly is elastic, and the transmission assembly is matched with the rotating member and the driven swing piece. The adapter is configured as that when the rotating member is rotated, the transmission assembly is enabled to drive, by means of the elastic potential energy of the transmission assembly, the driven swing piece to rotate the conductive swing arm relative to the housing. The present disclosure facilitates the lightweight and thin design of an adapter.

(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、转动件和传动组件; 本体包括外壳、插套组、从动摆件和导电摆臂, 插套组位于外壳内, 从动摆件与外壳可转动地相连, 导电摆臂与从动摆件相连, 以使导电摆臂能够展开或者收纳; 转动件与外壳可转动地相连, 且位于外壳背向导电摆臂的一侧; 传动组件位于外壳内, 传动组件具有弹性, 传动组件分别与转动件和从动摆件相配合; 适配器被配置为, 转动转动件, 以使传动组件利用自身弹性势能驱动从动摆件带动导电摆臂相对于外壳转动。本公开有利于实现适配器的轻薄化设计。