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- (71) 申请人: 广东精诺五金实业有限公司(GUANGDONG JINO HARDWARE INDUSTRIAL CO., LTD.) [CN/CN]; 中国广东省揭阳市揭东区锡场镇溪头村工业区, Guangdong 515549 (CN)。
- (72) 发明人: 林晓群(LIN, Xiaoqun); 中国广东省揭阳市揭东区锡场镇溪头村工业区, Guangdong 515549 (CN)。 林晓欢(LIN, Xiaohuan); 中国广东省揭阳市揭东区锡场镇溪头村工业区, Guangdong 515549 (CN)。 苏伟生(SU, Weisheng); 中国广东省揭阳市揭东区锡场镇溪头村工业区, Guangdong 515549 (CN)。 郭玉武(GUO,

Yuwu); 中国广东省揭阳市揭东区锡场镇溪头村工业区, Guangdong 515549 (CN)。

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(54) Title: CONNECTING ASSEMBLY AND CONNECTING SYSTEM

(54) 发明名称: 一种连接组件及连接系统

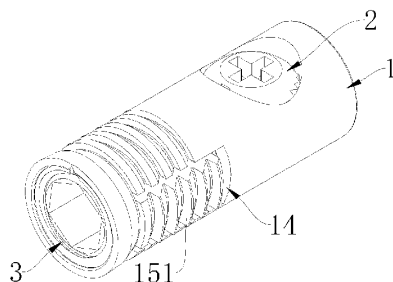


图 1

(57) Abstract: A connecting assembly and a connecting system. The connecting assembly comprises a reinforcing member (1), an eccentric wheel (2) and an insert (3), wherein the reinforcing member (1) is provided with a connecting end (11) and a mounting end (12) which are opposite each other, a connecting channel (13) is formed at an end portion of the connecting end (11), at least one deformation gap (14) is formed on a side wall of the connecting end (11), at least one elastic portion (15) is defined by a part of the connecting end (11) by means of the deformation gap (14), and a fastening protrusion (151) is formed on an outer side wall of the elastic portion (15); a mounting space (16) in communication with the connecting channel (13) is formed on an outer side wall of the reinforcing member (1); the eccentric wheel (2) is rotatably mounted in the mounting space (16); the insert (3) is provided with an insertion channel (31) penetrating two ends of the insert (3), and one end of the insert (3) is inserted into the connecting channel (13) from the connecting end (11); the insert (3) can be switched between a release position and a locking position; and when the insert (3) is switched from the release position to the locking position, at least a part of the elastic portion (15) is driven by the insert (3) to elastically deform and expand outwards. In the present connecting assembly, the reinforcing member (1) can be easily pulled out from a mounting channel (101), thereby realizing convenient operation.

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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: 一种连接组件及连接系统, 连接组件包括加固件(1)、偏心轮(2)及插件(3), 加固件(1)具有相对置的连接端(11)和安装端(12), 连接端(11)的端部形成有连接通道(13), 连接端(11)的侧壁上形成有至少一个形变间隙(14), 连接端(11)的一部分通过形变间隙(14)限定形成有至少一个弹性部(15), 弹性部(15)的外侧壁上形成有紧固凸起(151); 加固件(1)的外侧壁上形成有与连接通道(13)相连通的安装空间(16); 偏心轮(2)可转动地安装于安装空间(16)内; 插件(3)形成有贯穿于插件(3)两端的插接通道(31), 插件(3)的一端从连接端(11)插入连接通道(13)内; 插件(3)能够在松开位置与锁紧位置之间切换; 当插件(3)从松开位置往锁紧位置切换时, 插件(3)驱动弹性部(15)的至少一部分发生弹性形变并向外张开。本连接组件能够将加固件(1)从安装通道(101)内轻松拔出, 操作便捷。